Play Space Ideas

Alberta

RECREATION AND PARKS
Recreation Development Division

7499427

CANADIANA
AUG 25 1987

ACKNOWLEDGEMENTS

Alberta Recreation and Parks gratefully acknowledges the following agencies for permission to reprint and distribute the plans and drawings in this manual:

- Canada Mortgage and Housing Corporation
- The City of Edmonton Parks and Recreation
- Manitoba Culture, Heritage and Recreation

FOREWORD

This manual is a collection of selected playground and play equipment drawings prepared by a number of government agencies. Fifth in our series on play space, it is intended as a reference catalogue of playground and equipment suggestions to help you generate other creative ideas for the design of your play space.

The drawings in this manual illustrate some of the design possibilities available. It is not intended that any drawings or ideas in this manual be copied without considering your specific play space requirements. The materials, equipment and techniques illustrated may be applicable or limited to certain site conditions and user groups and, therefore, are not necessarily practical, suitable or safe elsewhere. To be functional, design concept must be custom-fitted to your needs, resources and site conditions.

We assume that you are familiar with the principles of play space planning, construction and maintenance, as well as safety issues. These topics will not be covered here. If you have not read the other play space manuals in the series, please refer to the back cover for titles and sources. A list of play equipment manufacturers and distributors is included at the end of the manual.

Since this manual is not all-inclusive, you are encouraged to look beyond these pages for other design ideas. New materials, equipment, standards and ideas continue to appear on the market. Much can be learned from observation, manufacturers' literature, suppliers, experienced playground designers and contractors, recognized authorities on children's environments and publications in this area.

DISCLAIMER OF LIABILITY FOR USE OF DOCUMENTS

Anyone making use of this document is further advised that the Government of Alberta disclaims liability for any claims, actions, demands or suits which may arise by reason of any person relying on the information contained in these documents, and more particularly, without limiting the generality of the foregoing, the government disclaims liability for the appropriateness or accuracy of the within guidelines, standard details or specifications for any project. These documents are being made available for the purpose of indicating in a general way the standards of other government agencies, and, accordingly, these documents are to be used with discretion.

EXAMPLES OF PLAY SPACE CONCEPT PLANS

Digitized by the Internet Archive
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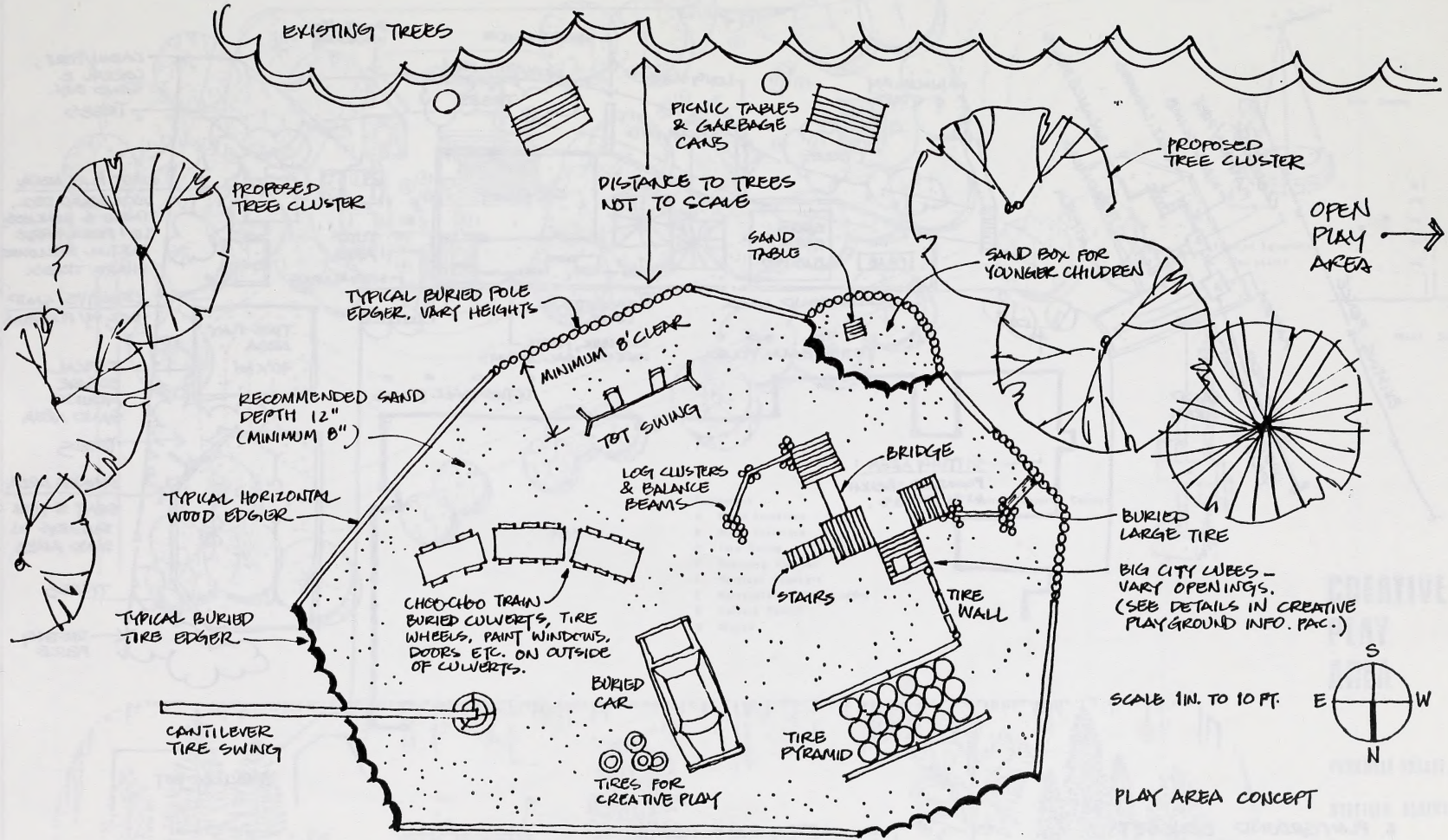
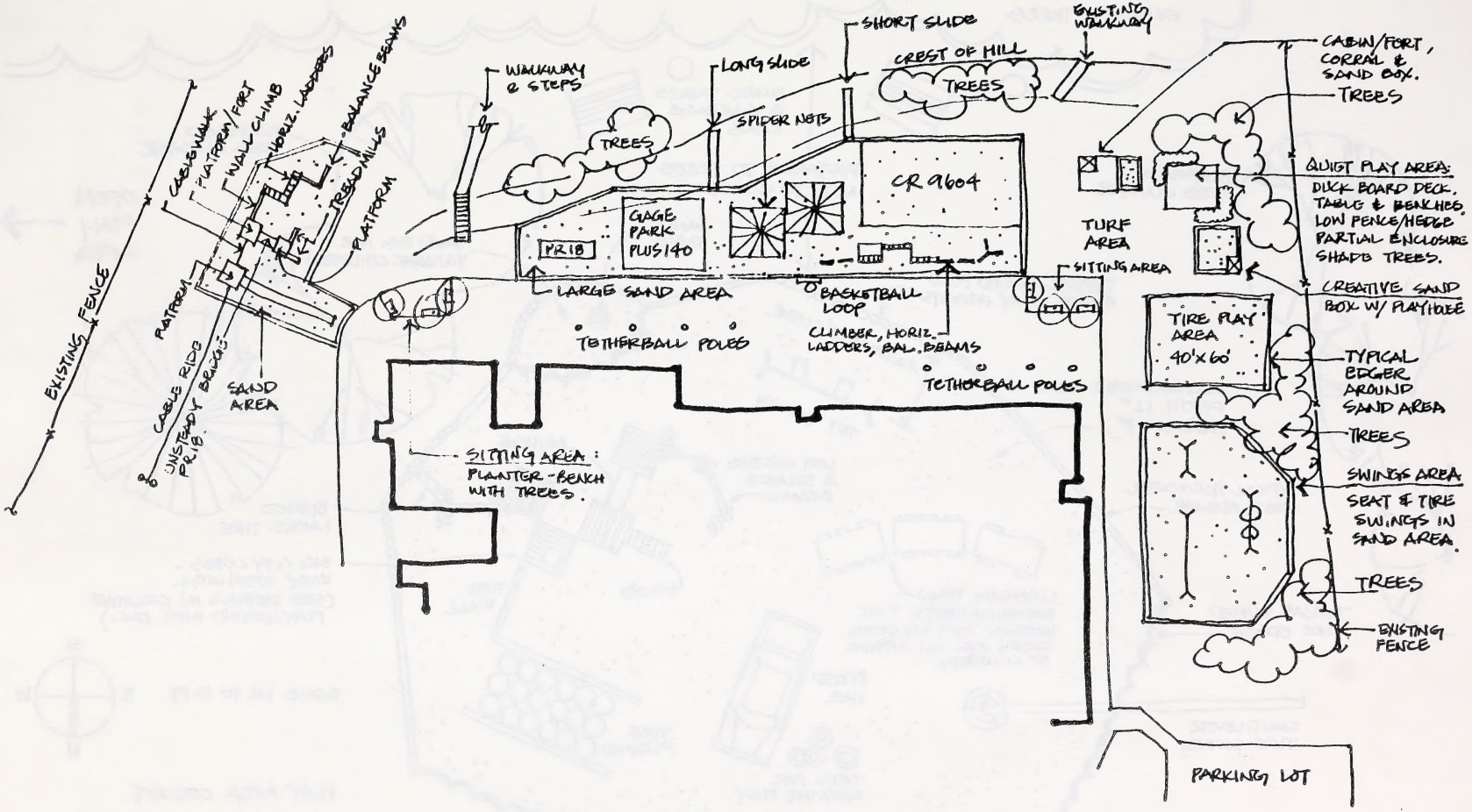
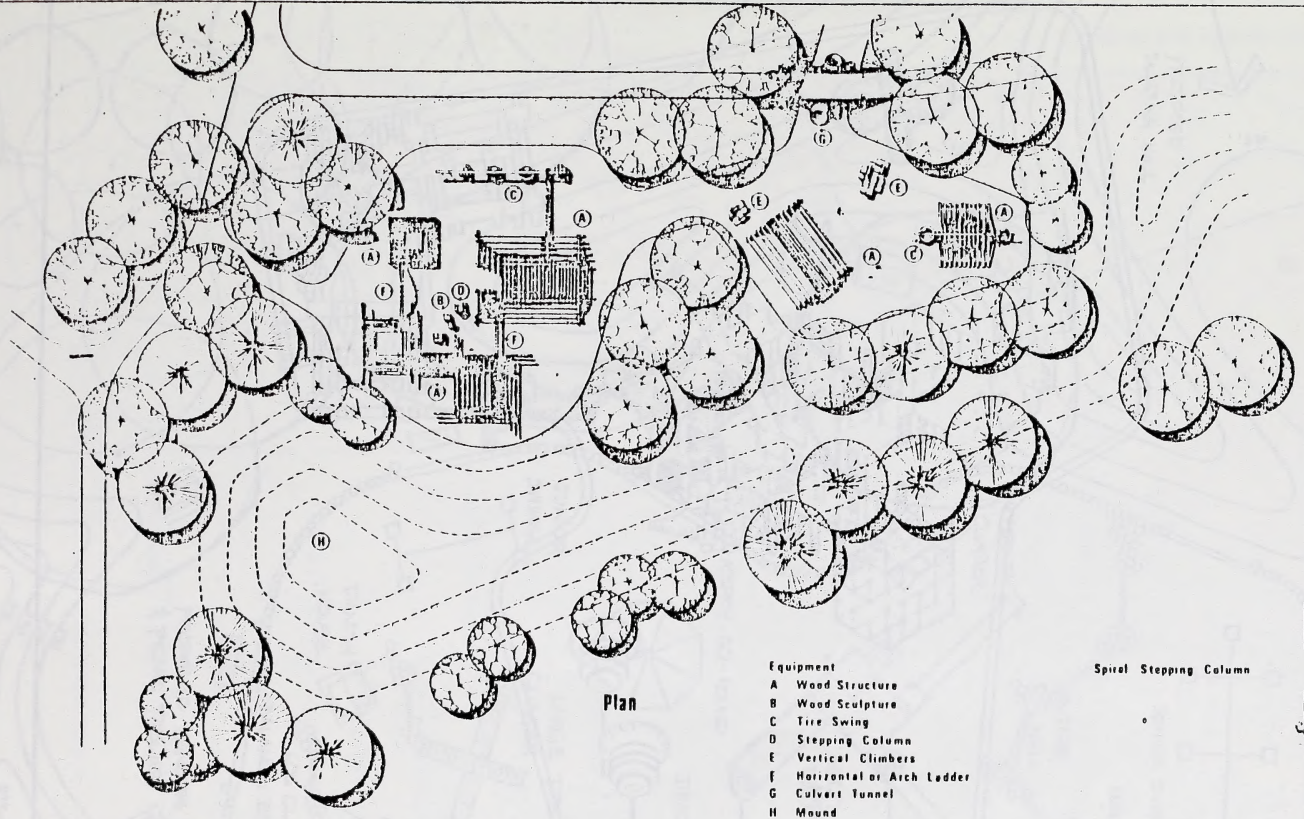
https://archive.org/details/playspaceideas00albe


EXISTING TREES
PICNIC TABLES & GARBAGE CANS
DISTANCE TO TREES NOT TO SCALE
PROPOSED TREE CLUSTER
PROPOSED TREE CLUSTER
OPEN PLAY AREA
SAND TABLE
SAND BOX FOR YOUNGER CHILDREN
TYPICAL BURIED POLE EDGER, VARY HEIGHTS
MINIMUM 8' CLEAR
TOT SWING
RECOMMENDED SAND DEPTH 12" (MINIMUM 8")
LOG CLUSTERS & BALANCE BEAMS
BRIDGE
TYPICAL HORIZONTAL WOOD EDGER
BURIED LARGE TIRE
BIG CITY CUBES - VARY OPENINGS. (SEE DETAILS IN CREATIVE PLAYGROUND INFO. PAC.)
CHOO-CHOO TRAIN - BURIED CULVERTS, TIRE WHEELS, PAINT WINDOWS, DOORS ETC. ON OUTSIDE OF CULVERTS.
STAIRS
TIRE WALL
TYPICAL BURIED TIRE EDGER
BURIED CAR
CANTILEVER TIRE SWING
TIRE PYRAMID
TIRES FOR CREATIVE PLAY
S
E
W
N
SCALE 1 IN. TO 10 FT.
PLAY AREA CONCEPT



2. PLAYGROUND CONCEPT

APPROX. SCALE 1:600



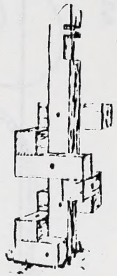
Plan

Equipment
- A Wood Structure
- B Wood Sculpture
- C Tire Swing
- D Stepping Column
- E Vertical Climbers
- F Horizontal or Arch Ladder
- G Culvert Tunnel
- H Mound

Tire Swing

Typical Equipment
(no scale)

Wood Scul



Spiral Stepping Column

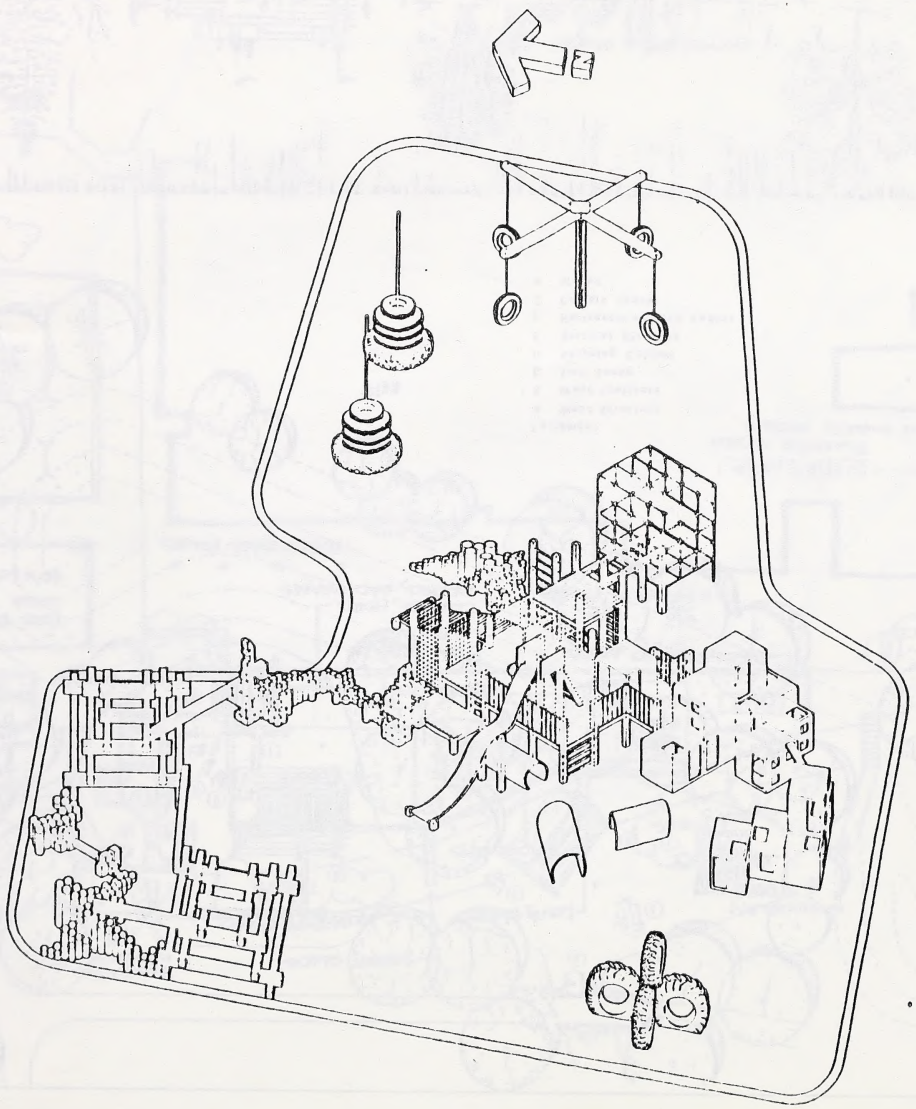
Elevation

CREATIVE PLAY AREA

PARKDALE ESTATE, I

STETTLER, ALBERTA

scale



LEGEND

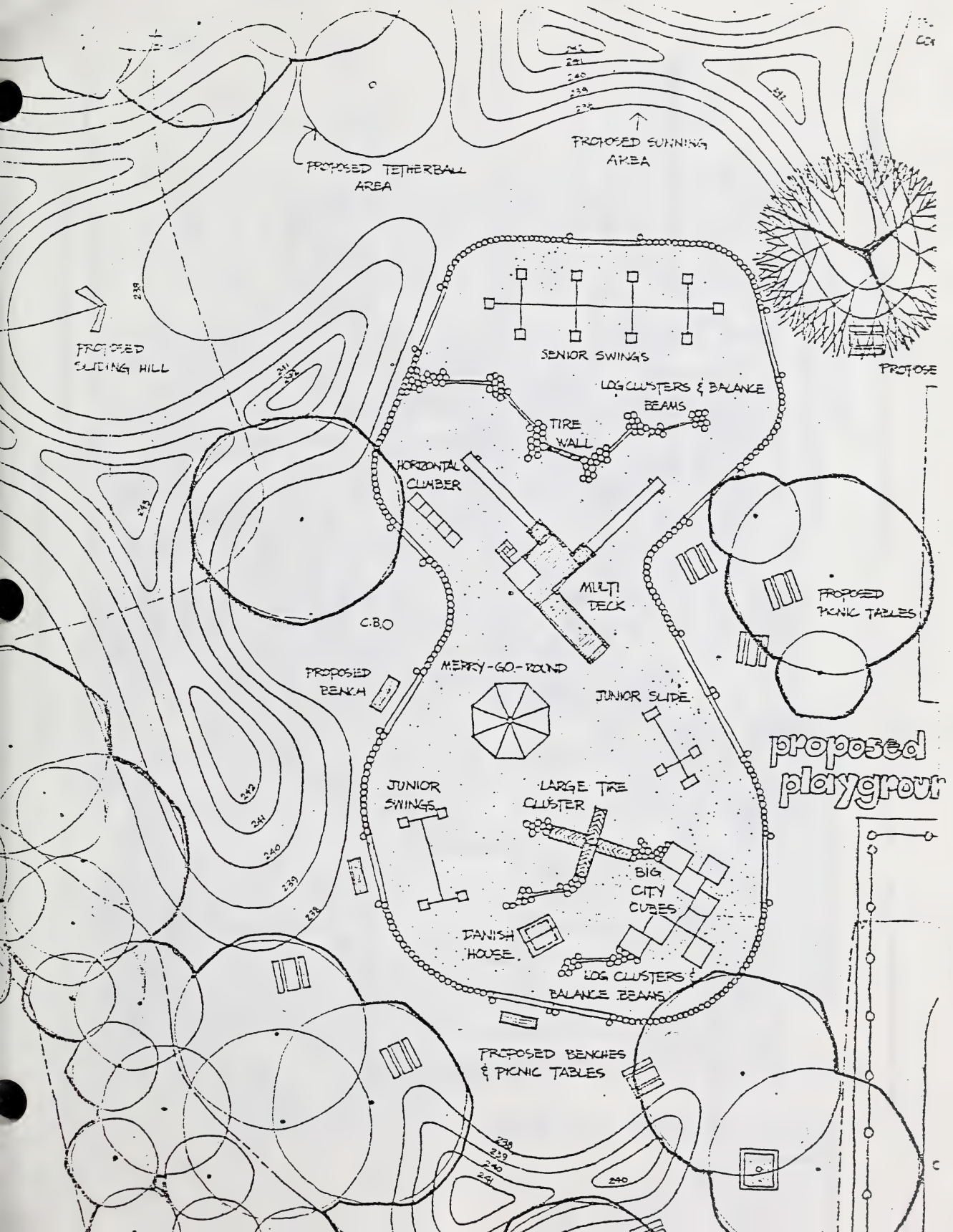
NOTES

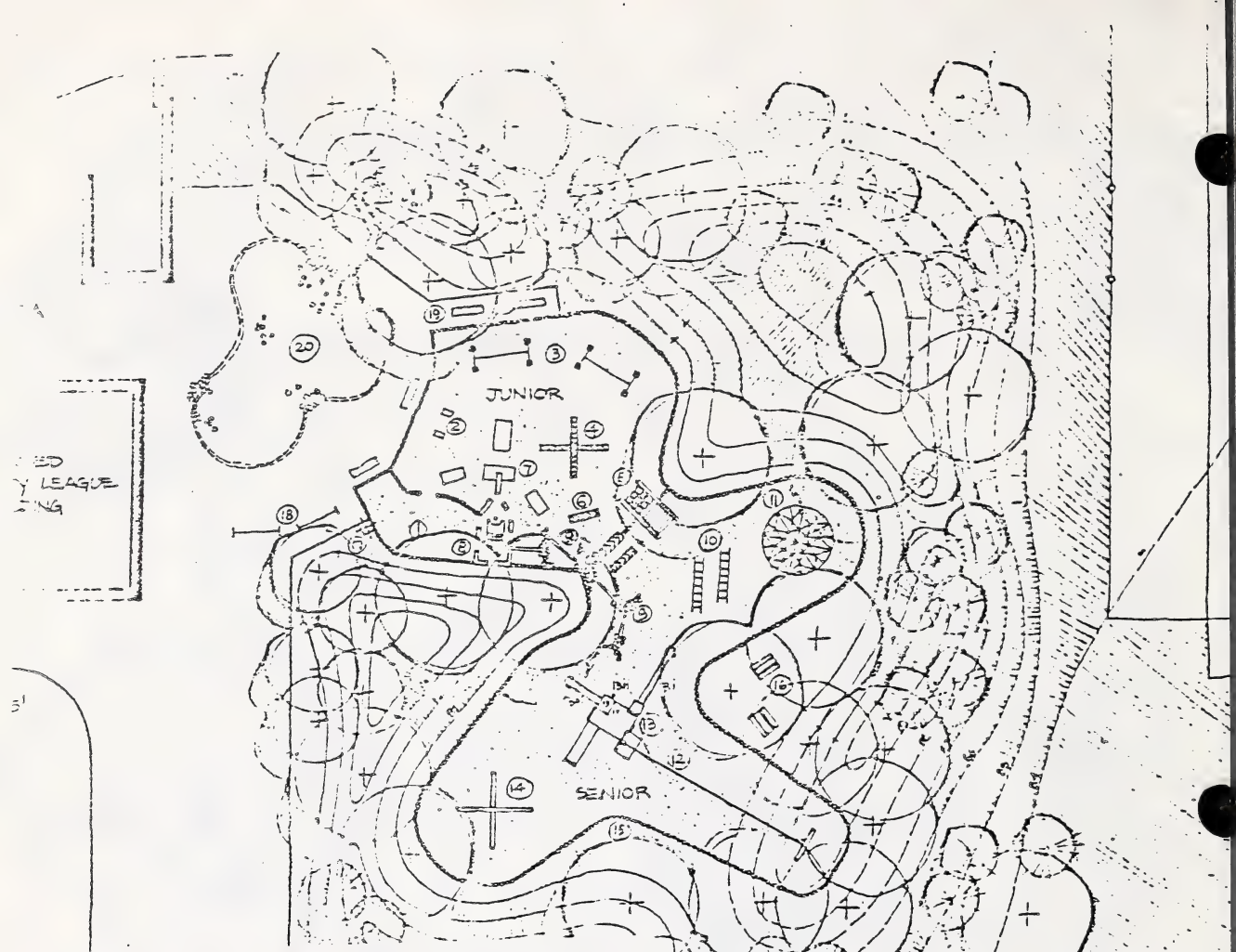
REVISIONS

DATE 12-11-72 SCALE 1/8" = 1'-0" DRG

EDMONTON PARKS & RECREATION

HAZELDEAN COMMUNITY LEAGUE
97 STREET - 66 AVENUE
PROPOSED PLAYGROUND DETAILS


PROPOSED TETHERBALL AREA
PROPOSED SUNNING AREA
PROPOSED SLIDING HILL
SENIOR SWINGS
LOG CLUSTERS & BALANCE BEAMS
TIRE WALL
HORIZONTAL CLIMBER
MULTI DECK
C.B.O
PROPOSED PICNIC TABLES
PROPOSED BENCH
MERRY-GO-ROUND
JUNIOR SLIDE
proposed playgroun
JUNIOR SWINGS
LARGE TIRE CLUSTER
BIG CITY CUBES
DANISH HOUSE
LOG CLUSTERS & BALANCE BEAMS
PROPOSED BENCHES & PICNIC TABLES
239
240
241
242
243



SCALE 1"=40'

JUNIOR PLAYGROUND:

1. SAND PLAY AREA
2. 2 - RODEO ROCKY (MIRACLE & JAMIESON # 134-901)
3. 2 - JUNIOR SWINGS.
4. LARGE TIRE CLUSTER
5. COMBINATION TIRE PYRAMID & LOG CLIMB
6. 3 - LARGE TIRES
7. 4 - CONCRETE SEWER PIPES (2 - 4'O.D., 2 - 3'O.D.)
8. SUNKEN SHIP & CROWSNEST SLIDE
9. LOG CLUSTERS AND BALANCE BEAMS

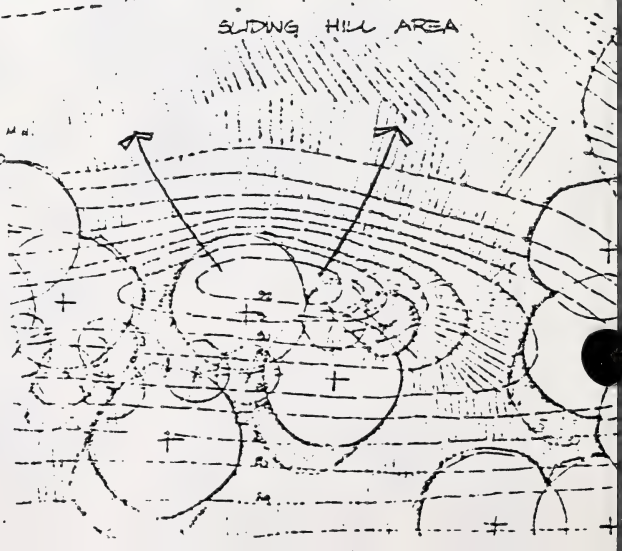
SENIOR PLAYGROUND:

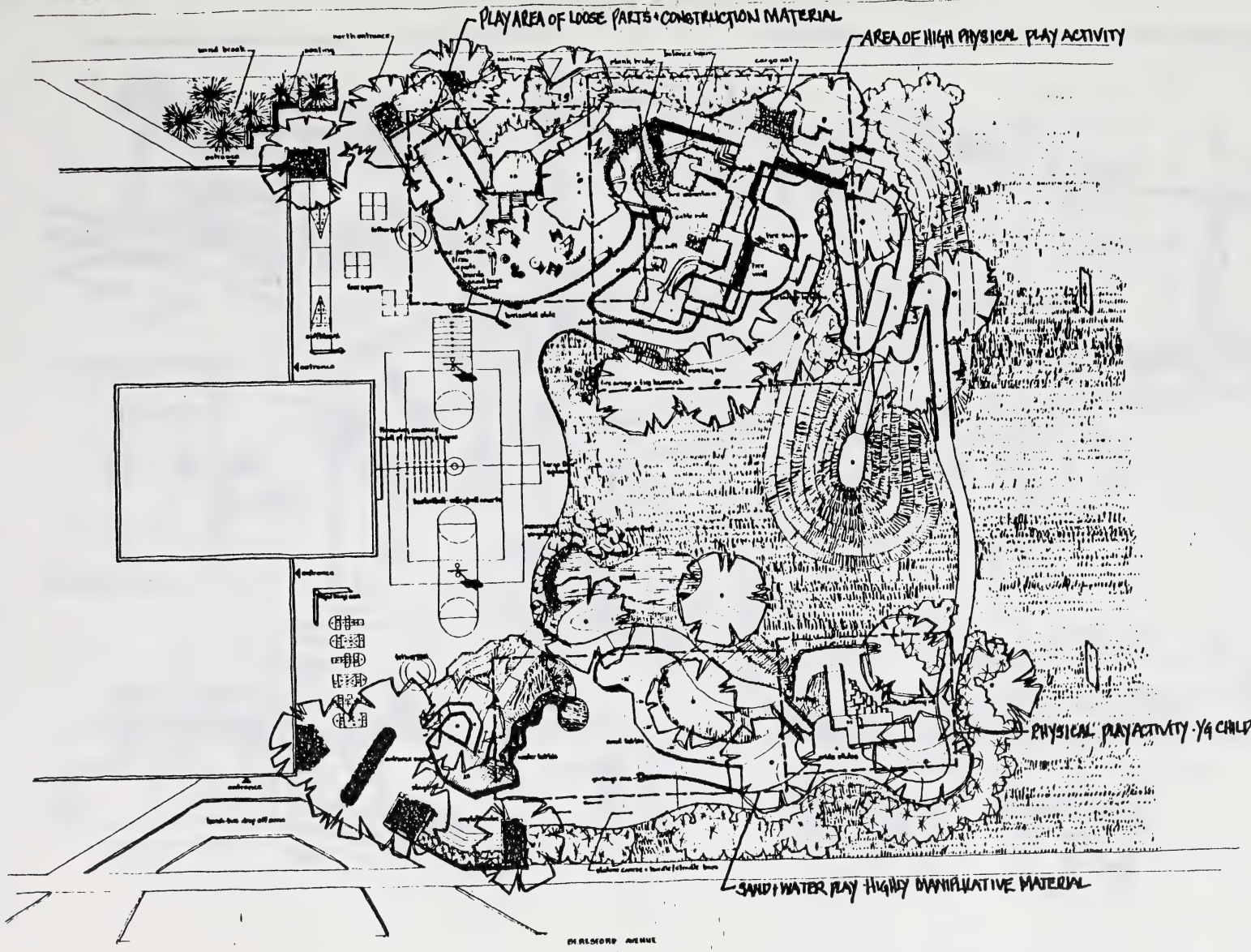
9. LOG CLUSTERS AND BALANCE BEAMS
10. 2 - HORIZONTAL LADDERS
11. 18' DIA GEOTESIC CLIMBER (MIRACLE & JAMIESON #40-
12. CABLE SLIDE
13. MULTI DECK WITH FOLLOWING ALTERATIONS:
    - 13 i) WAVE SLIDE
    - 13 ii) FIREMAN'S POLE (NEW LOCATION)
    - 13 iii) JUNIOR SLIDE
    - 13 iv) OPEN DECK AREA (NO BIG CITY CUBE)
14. TIRE SWING.

OTHER:

15. VERTICAL LOG BORDER. (± 660 LIN. FT.)
16. PICNIC TABLES (2)
17. SECURITY LIGHT
18. BICYCLE RACKS (2)
19. BACKLESS WOODEN BENCHES (4)
20. FUTURE WATER FEATURE

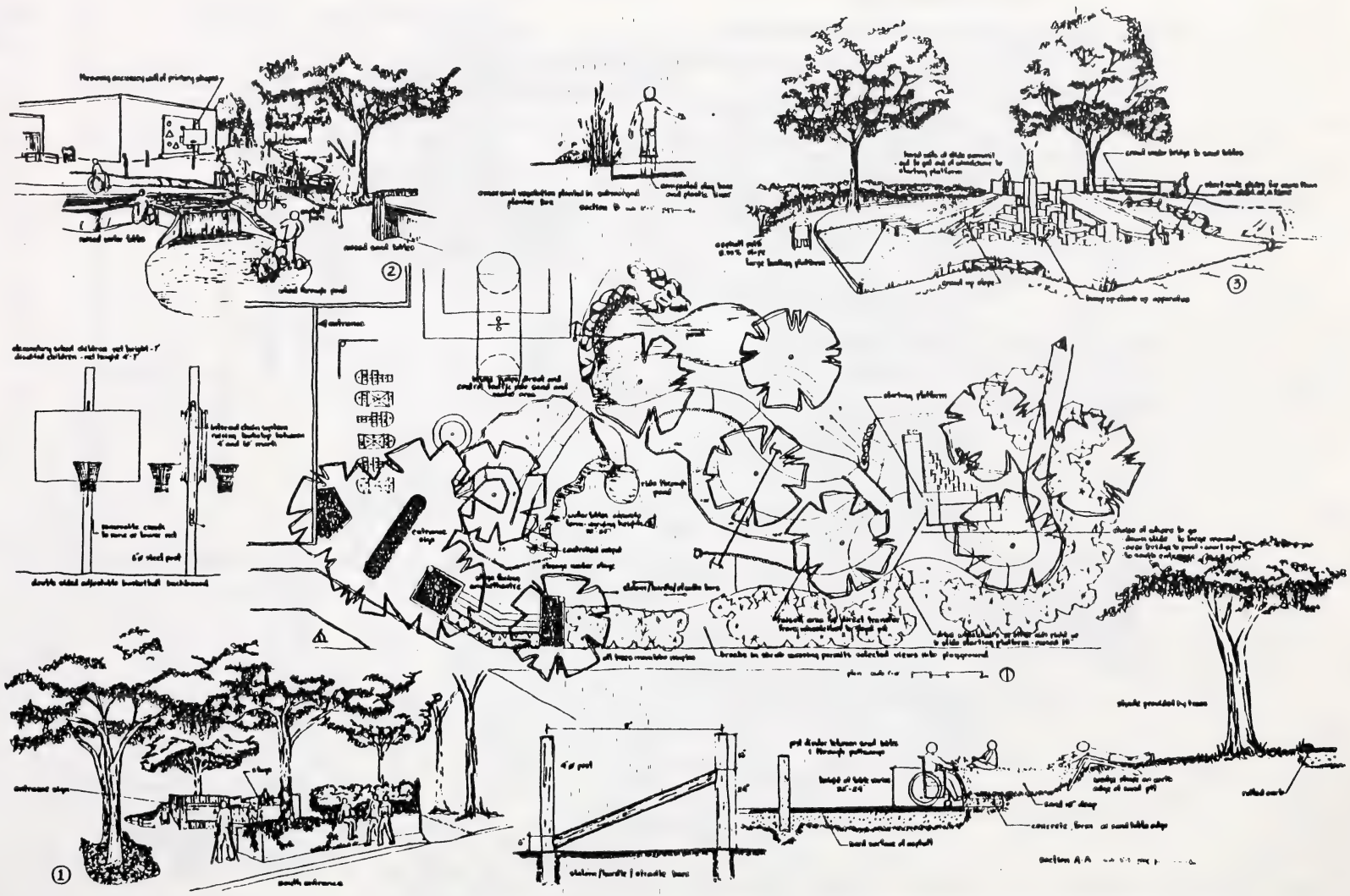
SLIDING HILL AREA




PLAY AREA OF LOOSE PARTS + CONSTRUCTION MATERIAL
AREA OF HIGH PHYSICAL PLAY ACTIVITY
PHYSICAL PLAY ACTIVITY - Y4 CHILDREN
SAND + WATER PLAY HIGHLY MANIPULATIVE MATERIAL
DEARBORN AVENUE

LORD ROBERTS ELEMENTARY SCHOOL · SITE PLAN ·

PLAYSPACES TO ACCOMMODATE DISABLED CHILDREN



LORD ROBERTS ELEMENTARY SCHOOL ·SOUTH YARD DETAIL·

PLAYSPACES TO ACCOMMODATE DISABLED CHILDREN

CMHC DRAWINGS

The next four drawings:

- sand pit
- hollow blocks
- old-fashioned hand pump
- playhouse with slide

are from the CMHC publication, "Creative Playground Information Kit 1", which contains 40 illustrations on creative playground design.

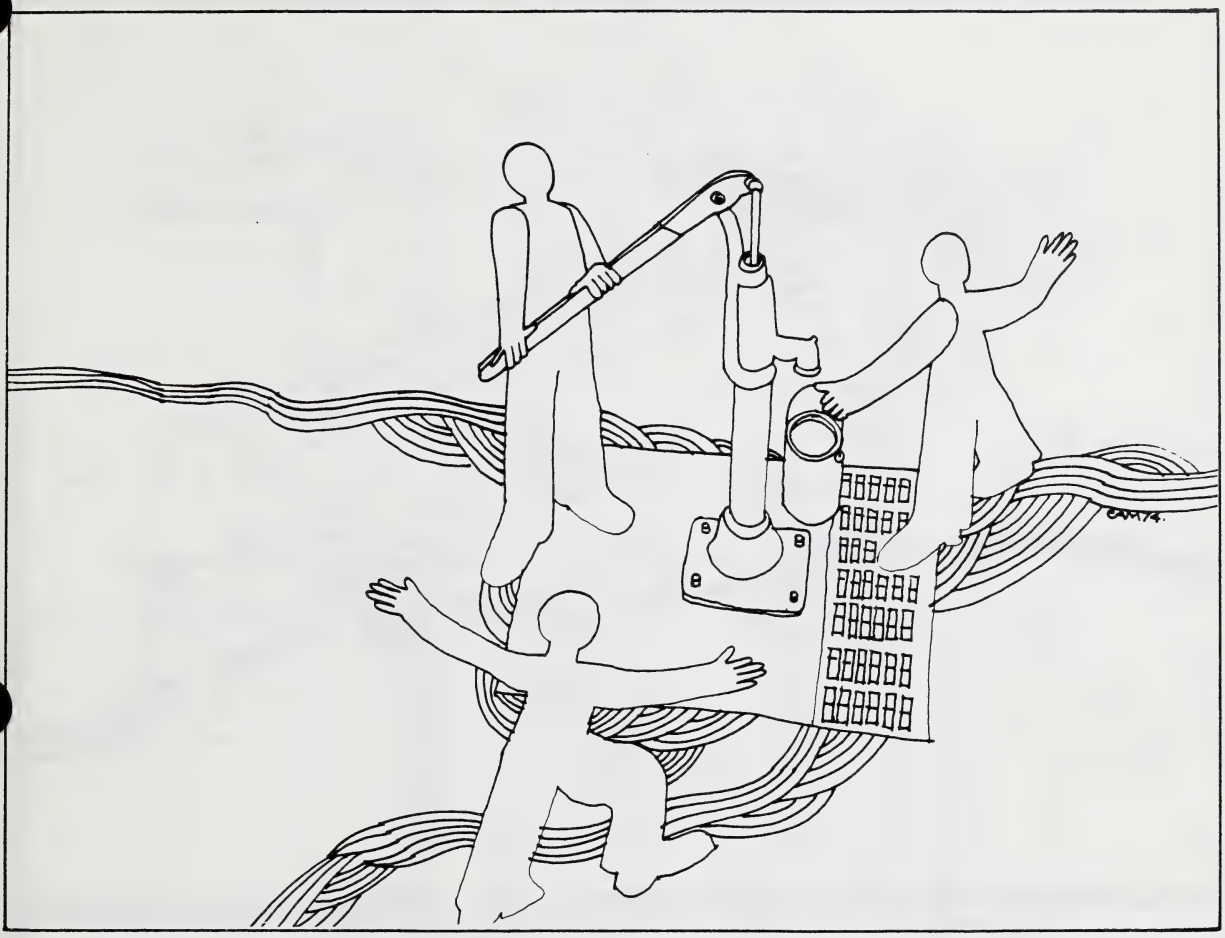
CMHC also publishes a number of publications on children's environments. A copy of "CMHC Publications Catalogue" can be obtained by contacting their offices in Alberta:

Calgary	708-11th Avenue S.W.	(403) 265-6860
Edmonton	12315 Stony Plain Road	(403) 482-3431
Lethbridge	Woodward Tower, 5th St. S.	(403) 328-5581

Inquiries can also be addressed to:

CMHC Publications
Canada Mortgage and Housing Corporation
682 Montreal Road
OTTAWA, Ontario
K1A 0P7

old fashioned hand pump 1

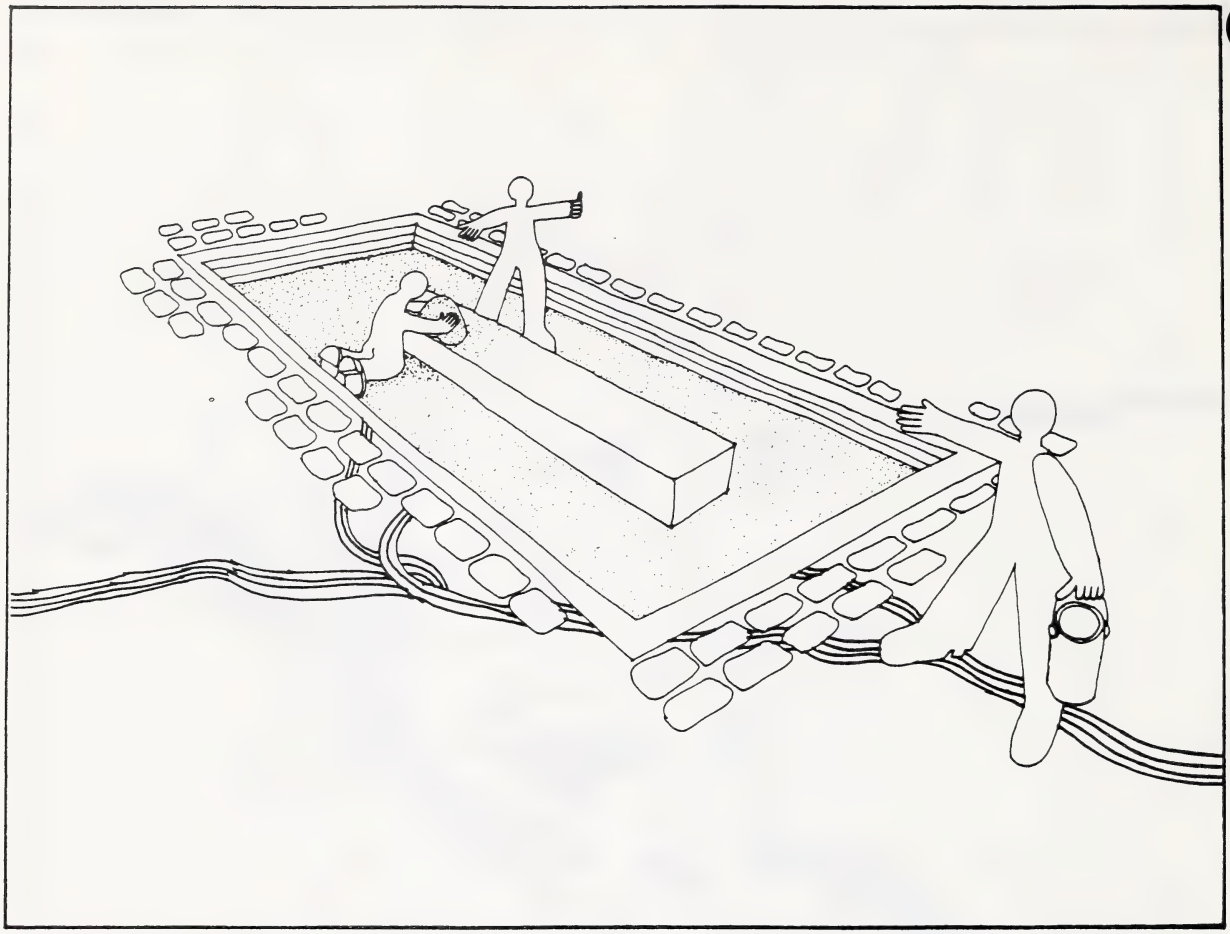


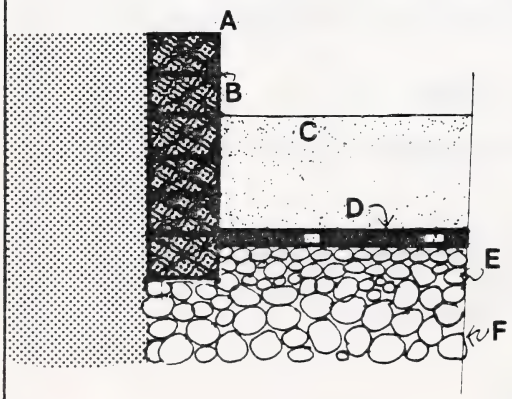
1. Lift pump available from hardware or machine stores.

2. Set lift pump on reinforced concrete platform, textured to provide nonslip surface.

3. If no existing well available, hook up pump to municipal water supply: install a limited flow valve in pump head to act as "tap". Valve (available from hardware or plumbing supply house) should permit flow of water only with full motion of pump handle.

4. Grill to catch basin to be removable.





A. Round all exposed edges.

B. 6"x8" (140x190 mm) or 8"x8" (190x190 mm) wood timber. Treat with preservative and bolt or dowel together. Retaining wall to be 12" (300 mm) minimum above level of sand.

C. Sand 1'0" to 1'6" (300-450 mm) deep.

D. Concrete slabs under sand spaced to permit water drainage.

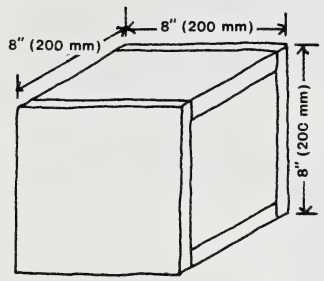
For sandy or gravelly soil:
E. 4" (100 mm) of 3/4" (20 mm) crushed stone.

F. 12" (300 mm) of 1½" (40 mm) granular material.

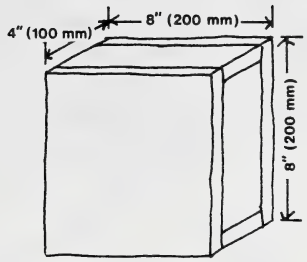
For clay soil:
G. Drain tile to drainage outlet (e.g., storm sewer).

Note: Sand pit can be a free form. Then make retaining wall of wood or concrete with same drainage detail. Use smooth stones along top edge to give natural look.

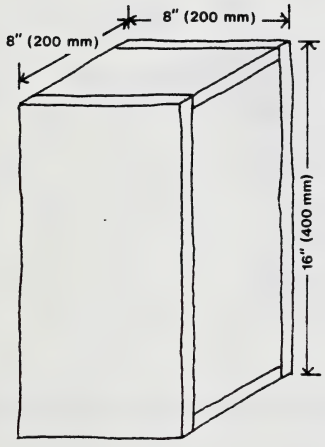
Central Mortgage and Housing Corporation
Société centrale d'hypothèques et de logement



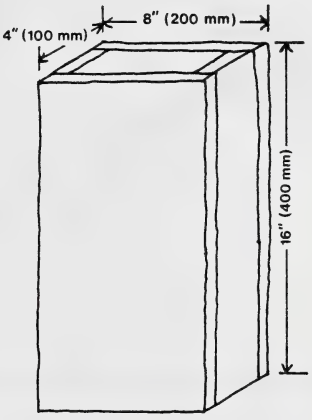
cube



half cube



double cube



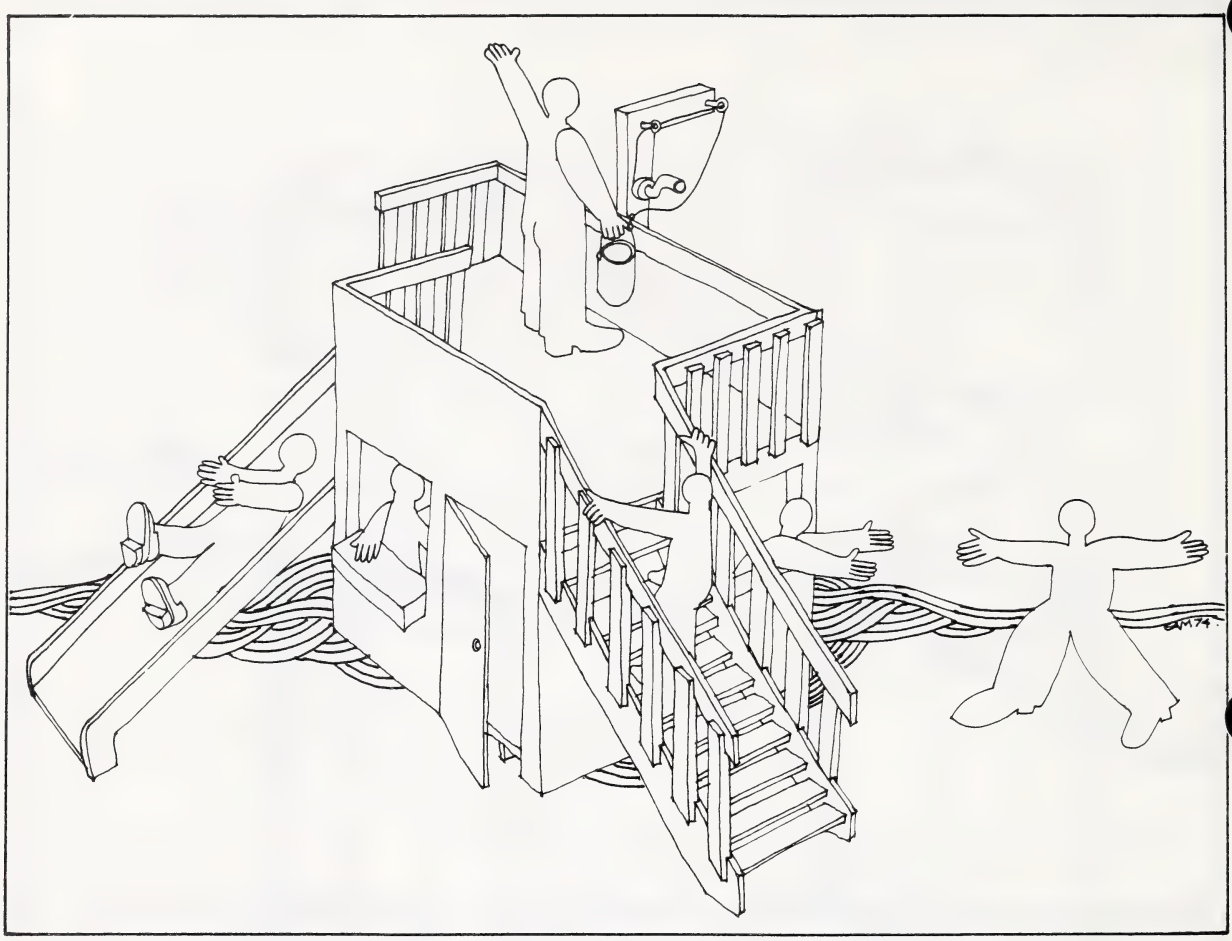
double half cube

1. The final dimensions of these blocks are crucial to their success. Therefore it is important to pay careful attention to the dressed dimensions of the wood (wood of a nominal 1"x8" (20x190 mm) and 1"x4" (20x90 mm) should be used).

2. Use 2" (50 mm) finishing nails for construction of the blocks.

3. Paint or finish all blocks in the same color for modular effect.

4. 10 blocks of each size make a good set for a group of 25 children.

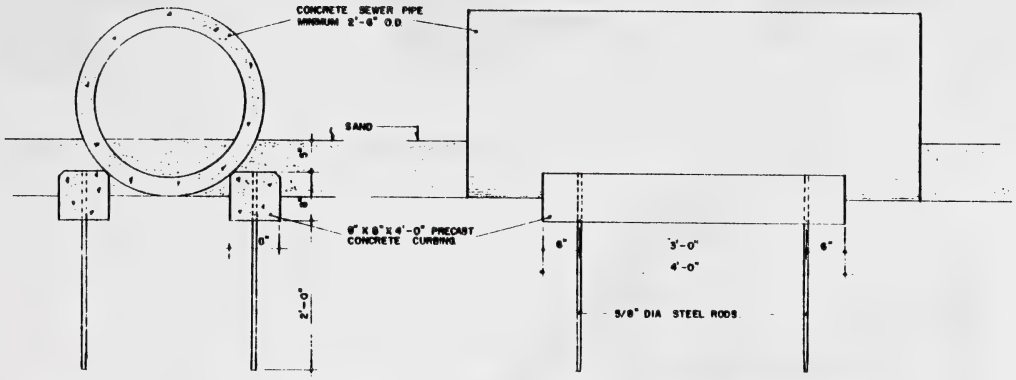


1. Playhouse dimensions: 5'0" (1500 mm) wide x 7'0" (2100 mm) long x 5'0" (1500 mm) high.
2. Railing 2'0" (600 mm) high with supports at 6" (150 mm) centers.
3. Stainless steel slide 2'0" (600 mm) wide x 10'0" (3 m) long. Lip of slide to be 4" (100 mm) off grade.
4. Stairs 2'0" (600 mm) wide; rise to be 5" (125 mm), tread 8" (200 mm).
5. 3/4" (19 mm) fir ply treated sides.
6. 3/4" (19 mm) fir ply floor inside.
7. Playhouse dimensions: 5'0" (1500 mm) wide x 7'0" (2100 mm) long x 5'0" (1500 mm) high.

EDMONTON PARKS AND RECREATION DRAWINGS

These standard construction detail plans have been developed by the City of Edmonton Parks and Recreation Department over the past several years. The dates of the original drawing and revisions are noted. Full-scale drawings of most of these catalogue sheets may be ordered from the Outdoor Recreation Facilities Branch, Alberta Recreation and Parks.

Please give appropriate acknowledgement to the City of Edmonton when making these drawings available to your client.



SECTION

SIDE VIEW

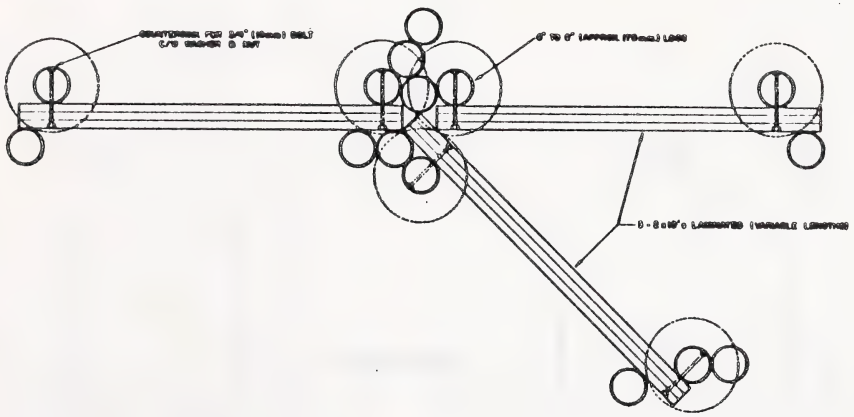
REVISIONS.
DATE MARCH 1971 SCALE 1½" = 1'-0" CHK

THE CITY OF EDMONTON
PARKS AND RECREATION DEPARTMENT

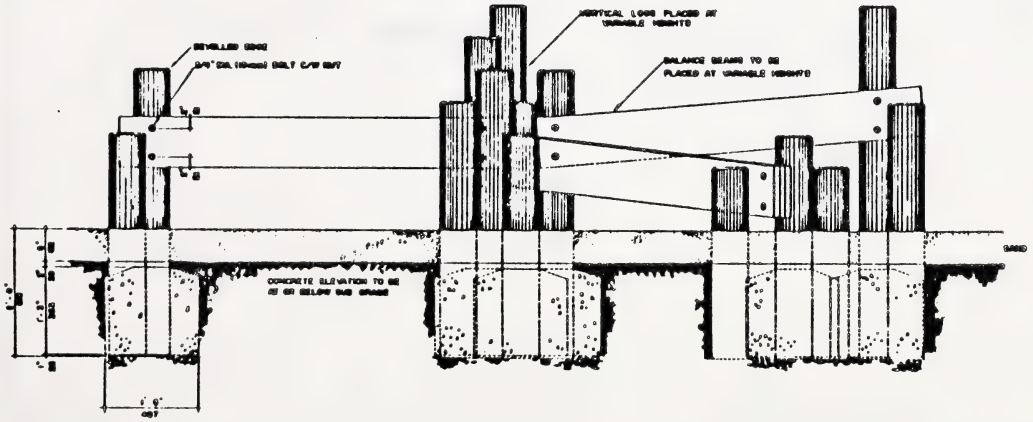
SEWER PIPE

A. [illegible] DHG

SD
102



PLAN VIEW



ELEVATION

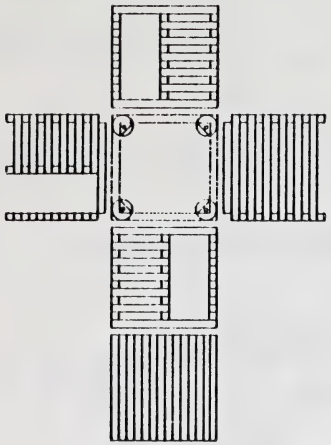
Revisions

CKD

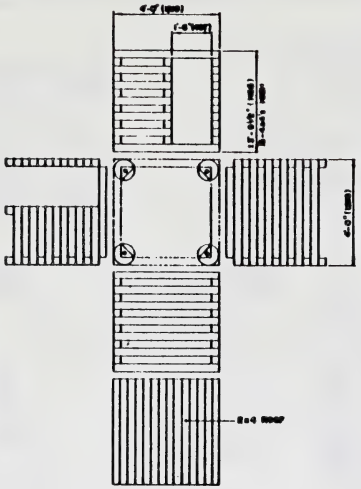
Edmonton Parks and Recreation

BALANCE BEAM

Drawn	Head of Design	Date	Drawing No.
Design	Director	Scale	SD 103
Checked	Superintendent	File No.	

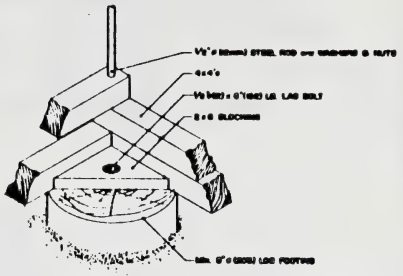


CUBE NO. 1



CUBE NO. 2

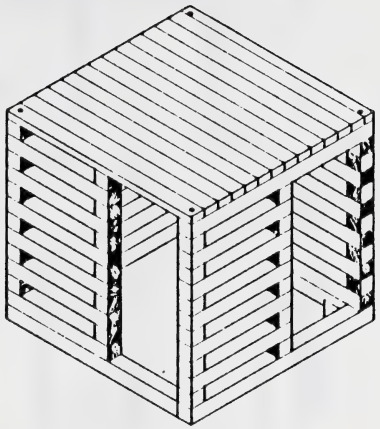
ASSEMBLY



CORNER DETAIL

MATERIAL LIST

90 LIN FT (27432) 4 x 4's
56 LIN FT (17069) 2 x 4's
2 LIN FT (609) 2 x 6's
12 LIN FT (3657) 8"ø (203) LOG
4 - 1/2"ø (12) x 5'-9 1/2" (1956) LONG STEEL RODS c/w WASHERS & NUTS
4 - 1/2"ø (12) x 6" (152) LONG LAG BOLTS



ISOMETRIC

Revisions CKD

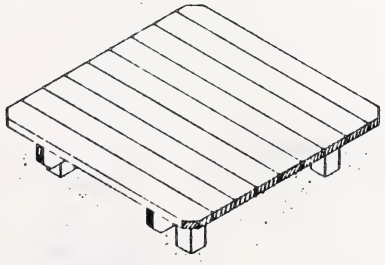
Edmonton Parks and Recreation

BIG CITY CUBES

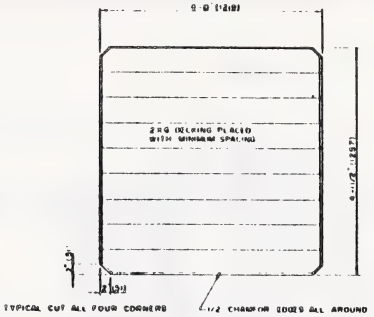
Drawn	Head of Design	Date	Drawing No.
Design	Director	Scale	SD 105
Checked	Superintendent	File No.	

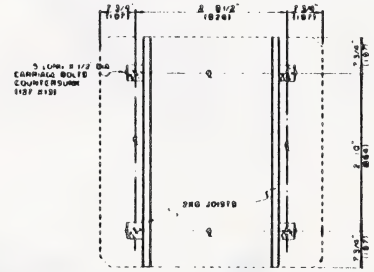
LIST of MATERIALS

No.	Description	Size
9	2 x 6 S FIR	4'-0" LONG (1219)
2	3 x 6 S FIR	4'-11 1/2" LONG (1257)
4	4 x 4 S FIR	2'-7 1/2" LONG (800)
8	CARRIAGE BOLTS	5/8" X 11" DIA (127 X 13) C/W NUTS & WASHERS ALL GALVANIZED
	NOTE: FIR TO BE STAINED & PRESERVED	

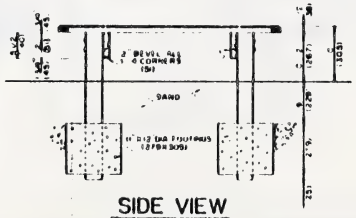


ISOMETRIC





TOP VIEWS



SIDE VIEW

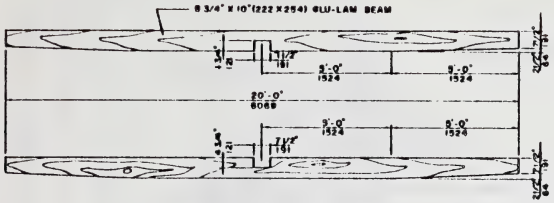
Revisions | CKD

EDMONTON PARKS AND RECREATION

SAND PAD

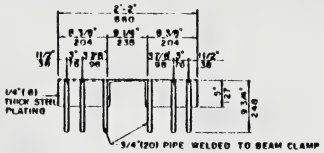
Drawn:	Supervisor:
Design:	Drafting Manager:
Checked:	General Manager:

Date: MARCH 28/79	Drawing No. SD-106
Scale: 1:1 0"	
File No.	

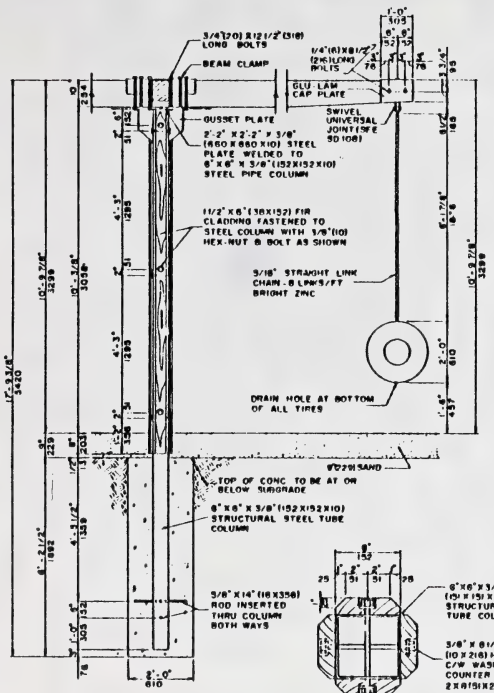


GLU-LAM BEAMS - SIDE VIEWS
SCALE 1:25

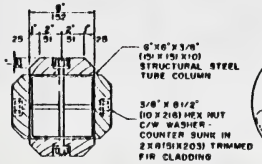
GUSSET PLATE
SCALE 1:5



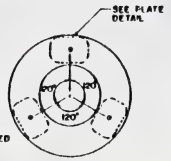
BEAM CLAMP
SCALE 1:10


3/4" (20) X 12 1/2" (318) LONG BOLTS
BEAM CLAMP
GLU-LAM CAP PLATE
GUSSET PLATE
2'-2" X 2'-2" X 3/8" (650 X 650 X 10) STEEL PLATE WELDED TO 6" X 6" X 3/8" (152 X 152 X 10) STEEL PIPE COLUMN
SWIVEL UNIVERSAL JOINT (SEE SD 108)
1 1/2" X 6" (38 X 152) FIR CLADDING FASTENED TO STEEL COLUMN WITH 3/8" (10) HEX NUT & BOLT AS SHOWN
5/16" STRAIGHT LINK CHAIN - 8 LINKS/FT BRIGHT ZINC
DRAIN HOLE AT BOTTOM OF ALL TIRES
6" (150) SAND
TOP OF CONC TO BE AT OR BELOW SUBGRADE
6" X 6" X 3/8" (152 X 152 X 10) STRUCTURAL STEEL TUBE COLUMN
5/8" X 14" (16 X 350) ROD INSERTED THRU COLUMN BOTH WAYS

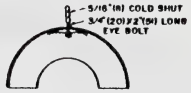
COLUMN X-SECTION
SCALE 1:20


6" X 6" X 3/8" (150 X 150 X 10) STRUCTURAL STEEL TUBE COLUMN
3/8" X 6 1/2" (10 X 216) HEX NUT C/W WASHER - COUNTER SUNK IN 2 X 6 (50 X 203) TRIMMED FIR CLADDING

COLUMN THRU SECTION

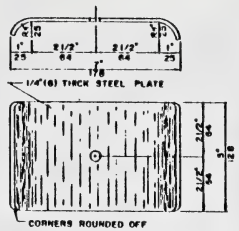


HORIZONTAL TIRE PLATE CONNECTION
SCALE 1:10

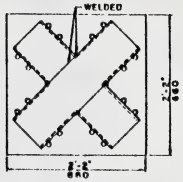


TIRE-PLATE CONNECTION
SCALE 1:10

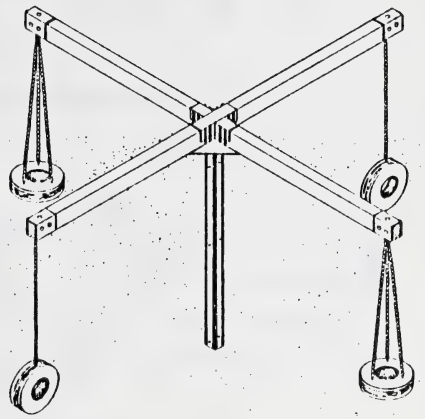
VERTICAL TIRE PLATE CONNECTION
SCALE 1:10



TIRE PLATE DETAIL
SCALE 1:25



BEAM CLAMP ASSEMBLY
SCALE 1:10



ISOMETRIC
NTS

MATERIALS LIST

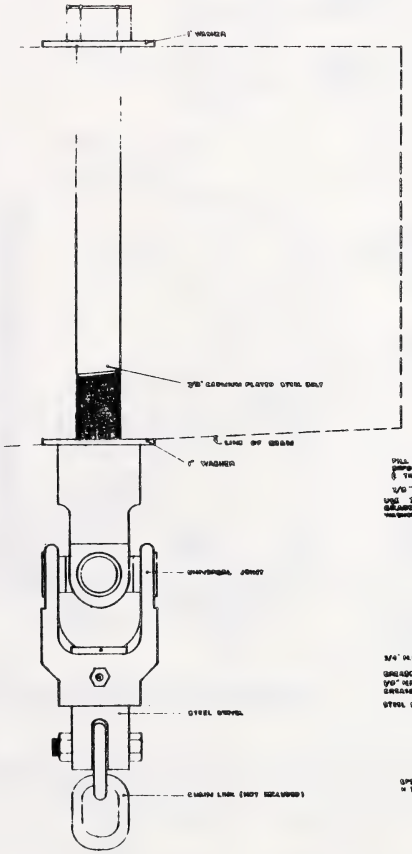
NO	DESCRIPTION	SIZE
2	GLU-LAMS	8 3/4" X 10" (222 X 254)
4	FIR CLADDING	2 X (NOM) 6" (51 X 203) X 32'-9" (9981)
1	STRUCTURAL STEEL TUBE COL	6" X 6" X 3/8" THICK X 18'-8" (152 X 152 X 10 X 5690)
4	CAR TIRES	MIN 2'-0" (610) DIA
4	LINK CHAIN, BRIGHT ZINC - 8 LINKS/FT	8'-1 7/8" LONG (1829)
4	UNIVERSAL JOINT	SEE DETAIL SD 108
8	MACHINE BOLTS (COLUMN) C/W NUTS & WASHERS	3/8" (10) Ø X 8 1/2" (216) LONG
16	MACHINE BOLTS (BEAM CLAMP)	3/4" (20) Ø X 12 1/2" (318) LONG
1	ASSEMBLY PLATE	2'-2" (660) X 2'-2" (660)
	BEAM CLAMPS	SEE DETAIL
4	GUSSET PLATES	SEE DETAIL
8	TIRE PLATES	SEE DETAIL
4	GLU-LAM CAP PLATES	SEE COL. X-SECTION
8	CAP PLATE BOLTS (MACHINE)	1/4" (6) Ø X 10" (254)
8	CHAIN COLD CUTS	5/16" (8)
8	EYE BOLTS	3/4" (20) X 2" (51)
2	COLUMN RODS (STEEL)	5/8" (16) X 11'-2" (1398)

Revisions NOV 9/78 - REDRAWN - D.R.C. CKD

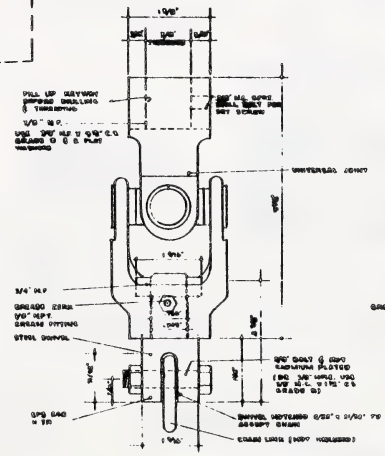
Edmonton Parks and Recreation

TIRE SWING

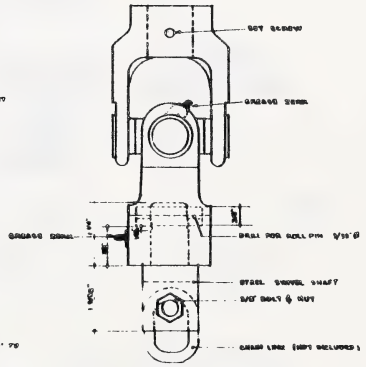
Drawn D.R.C.	Head of Design	Date NOV 9/78
Design	Director	Drawing No. SD 107
Checked	Superintendent	Scale AS SHOWN
Project Engr.		File No.



VIEW OF ASSEMBLY AS INSTALLED



FRONT VIEW



SIDE VIEW

EACH JOINT REQUIRES 2 SPIDER BEARINGS ① SPIDER BEARING ② JOINT

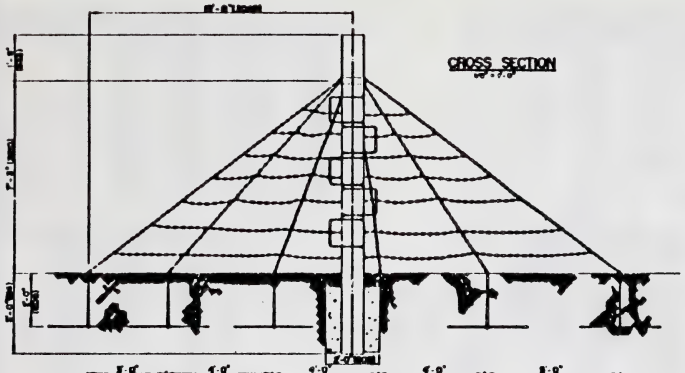
JUNE 21 71 CHANGED BOLT LENGTH DHG
MAR 10 71 REVISED TO MANUFACTURERS SPECIFICATIONS DHG
REVISIONS:
DATE: NOV 10 - 70 SCALE: FULL SIZE CKD

THE CITY OF EDMONTON
PARKS AND RECREATION DEPARTMENT

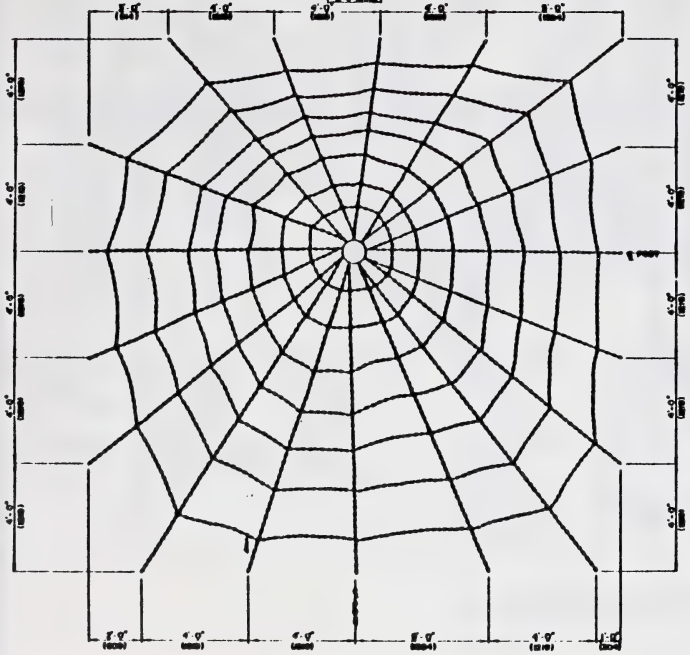
UNIVERSAL JOINT DETAILS
TIRE SWING

DRG

SD
108

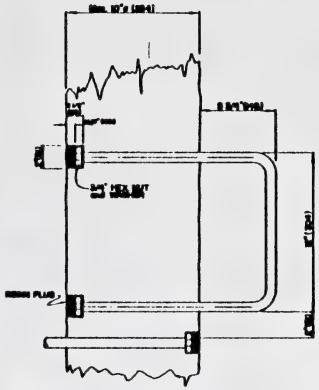


CROSS SECTION

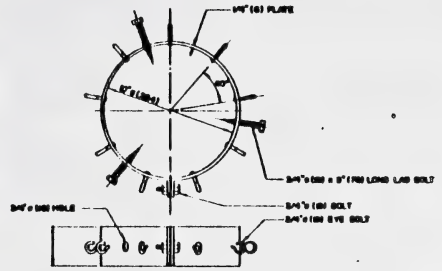


PLAN VIEW

ANCHOR DETAIL



CLIMBING HOOK DETAIL



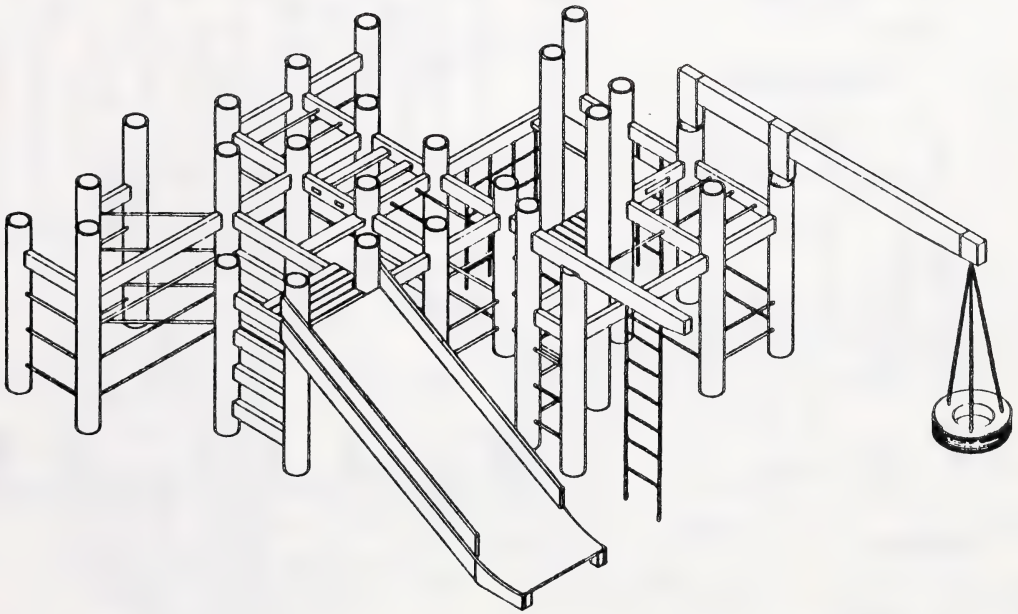
IRON TIE RING DETAIL

Revisions CKD

Edmonton Parks and Recreation

SPIDER WEB

Drawn	Head of Design	Date	Drawing No.
Design	Director	Scale	SD 114
Checked	Superintendent	File No.	



DEC 7 1970 GENERAL REVISIONS - pad
Revisions CKD

Edmonton Parks and Recreation

WOOD "CLIMB-ABOUT"

Drawn	Head of Design
Pad	
Design	Director
Checked	Superintendent

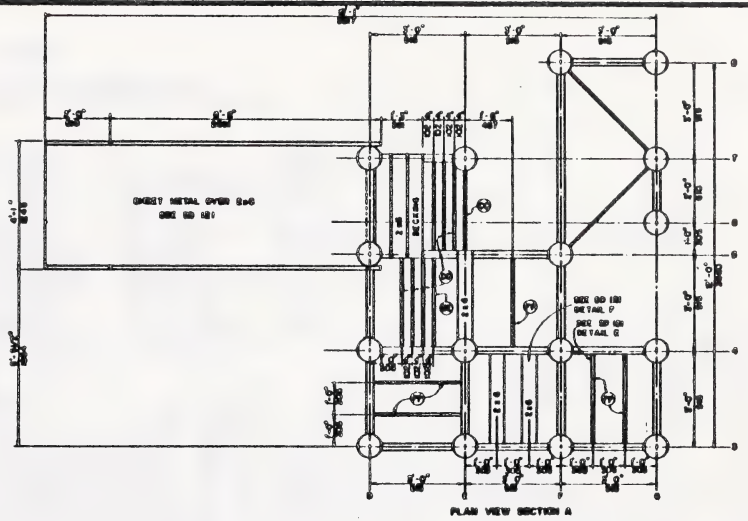
Date	Drawing No.
DEC 7 1970	SD
Scale	117
NOT TO SCALE	
File No.	

MATERIALS LIST FOR SECTION A

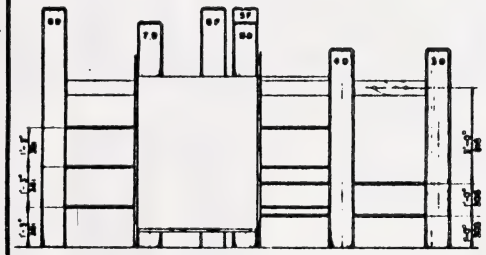
MATERIAL	LOCATION	TOTAL LENGTH IMPERIAL	TOTAL LENGTH METRIC	HEIGHT ABOVE SAND LEVEL IMPERIAL	HEIGHT ABOVE SAND LEVEL METRIC
10" USED PIPE POSTS	69	11'-0"	3505	7'-0"	2286
	68	10'-0"	3124	6'-0"	1905
	78	11'-0"	3378	7'-0"	2190
	72	10'-0"	3124	6'-0"	1905
	71	10'-0"	3124	6'-0"	1905
	68	11'-0"	3505	7'-0"	2286
	69	11'-0"	3378	7'-0"	2159
	67	10'-0"	3505	7'-0"	2286
	48	10'-0"	3124	6'-0"	1905
	44	10'-0"	3124	6'-0"	1905
	45	10'-0"	3124	6'-0"	1905
	52	10'-0"	3124	6'-0"	1905
	53	10'-0"	3124	6'-0"	1905
	54	10'-0"	3124	6'-0"	1905

MATERIAL	LOCATION	LENGTH IMPERIAL	LENGTH METRIC
8 x 8 PW BEAMS	69 - 68	8'-0"	762
	78 - 72	8'-0"	762
	72 - 52	5'-3"	1676
	78 - 68	8'-0"	762
	78 - 69	8'-0"	762
	69 - 67	8'-0"	762
	67 - 48	8'-0"	762
	48 - 44	8'-0"	762
	44 - 45	8'-0"	762
	45 - 52	8'-0"	762
	52 - 53	8'-0"	762
	53 - 54	8'-0"	762
	54 - NE	8'-0"	762
	NW - 69	8'-0"	762

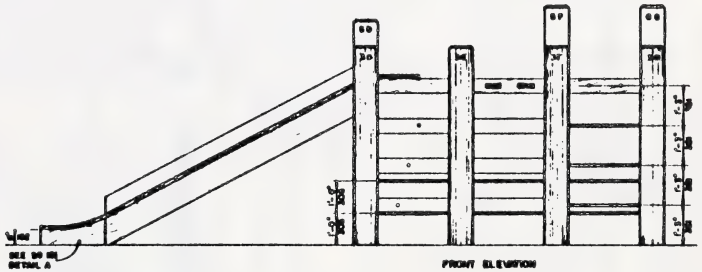
MATERIAL	QTY	LOCATION	LENGTH IMPERIAL	LENGTH METRIC
6" (168mm) ZINC DIP STEEL PIPES	1	69 - 68	5'-0"	762
	1	68 - 78	7'-6"	1143
	1	78 - 72	5'-3"	1676
	1	72 - 71	7'-6"	1143
	1	78 - 68	5'-0"	457
	1	68 - 67	5'-0"	762
	1	67 - 48	5'-0"	762
	1	48 - 44	5'-0"	762
	1	44 - 45	5'-0"	762
	1	45 - 52	5'-0"	762
	1	52 - 53	5'-0"	762
	1	53 - 54	5'-0"	762
	1	54 - NE	5'-0"	762
	1	NW - 69	5'-0"	762
	1	69 - SE	5'-0"	762
	1	SE - NE	5'-0"	762
	1	NW - SW	5'-0"	762
	1	SW - SE	5'-0"	762
	1	52 - SE	5'-0"	762
	1	SE - 53	5'-0"	762
	1	53 - SW	5'-0"	762
	1	SW - NW	5'-0"	762
	1	NW - NE	5'-0"	762
	1	NE - 54	5'-0"	762
	1	54 - SW	5'-0"	762
	1	SW - SE	5'-0"	762
	1	SE - NW	5'-0"	762
	1	NW - 68	5'-0"	762
	1	68 - SE	5'-0"	762
	1	SE - NE	5'-0"	762
	1	NE - 67	5'-0"	762
	1	67 - SW	5'-0"	762
	1	SW - NW	5'-0"	762
	1	NW - 69	5'-0"	762
	1	69 - 78	5'-0"	762
	1	78 - 72	5'-0"	762
	1	72 - 71	5'-0"	762
	1	71 - 78	5'-0"	762
	1	78 - 68	5'-0"	762



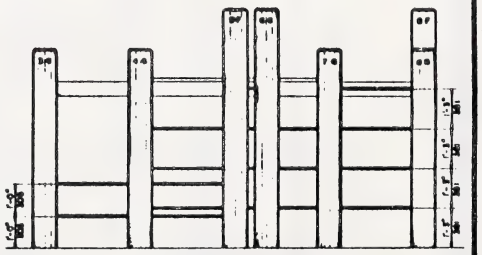
PLAN VIEW SECTION A



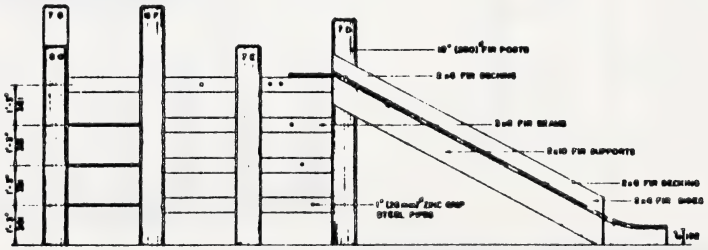
LEFT ELEVATION



FRONT ELEVATION



RIGHT ELEVATION



REAR ELEVATION

DEC 7 1978 GENERAL REVISIONS - pmd
Revisions

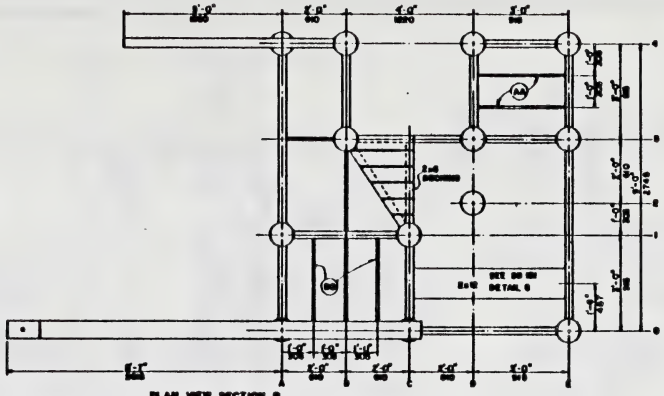
CKD

Edmonton Parks and Recreation

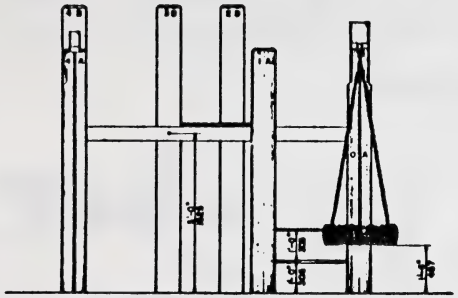
WOOD "CLIMB - ABOUT"

Drawn: Pmd	Head of Design:
Design:	Director:
Checked:	Superintendent:

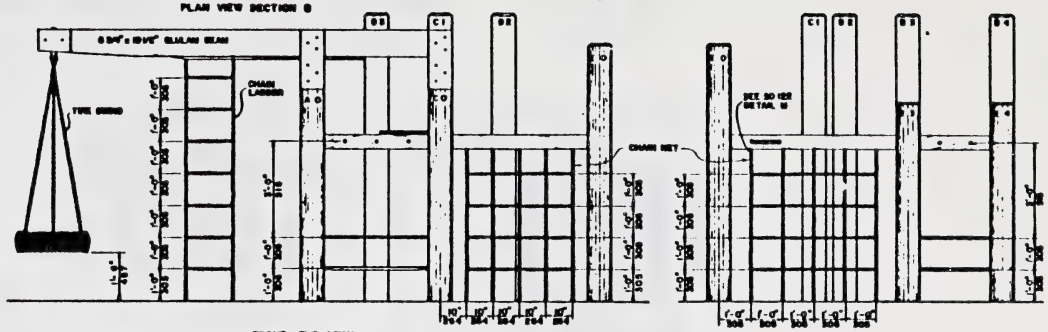
Date: DEC 7 1978	Drawing No.: SD 110
Scale: 1:83	
File No.:	



PLAN VIEW SECTION B

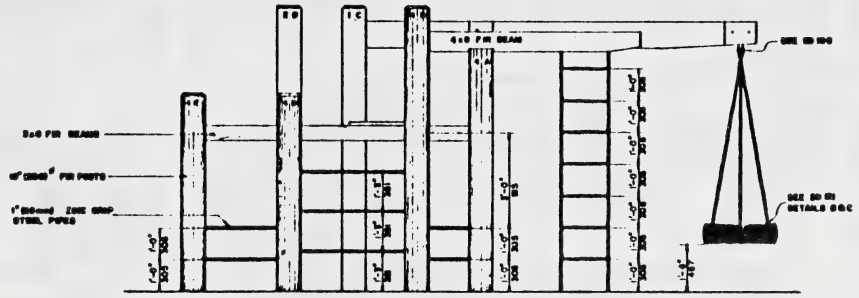


LEFT ELEVATION



FRONT ELEVATION

RIGHT ELEVATION



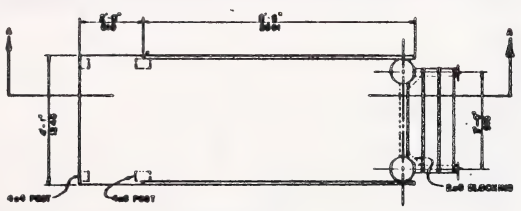
REAR ELEVATION

DEC 7 1979 GENERAL REVISIONS - and
Revisions CKD

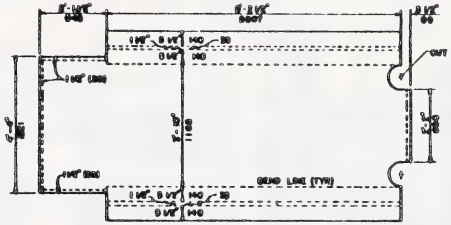
Edmonton Parks and Recreation

WOOD "CLIMB - ABOUT"

Drawn Pad	Head of Design	Date DEC 7 1979	Drawing No. SD
Design	Director	Scale 1:20	120
Checked - Plan / Engineering	Superintendent	File No.	

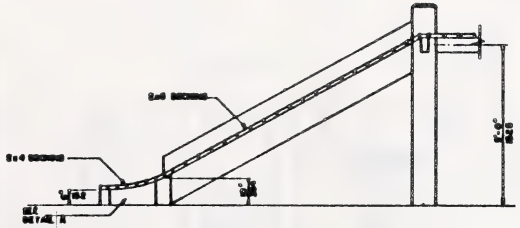


PLAN VIEW SLIDE DETAIL
SCALE 1:50

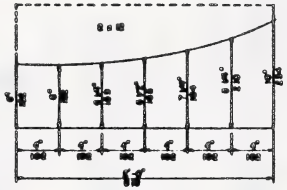


SHEET METAL CUTTING DIAGRAM
SCALE 1:50

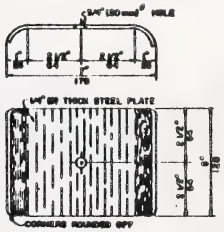
HORIZONTAL TIRE PLATE CONNECTION
DETAIL B
SCALE 1:10



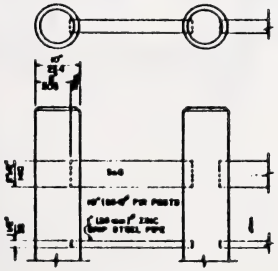
SECTION A-A
SCALE 1:50



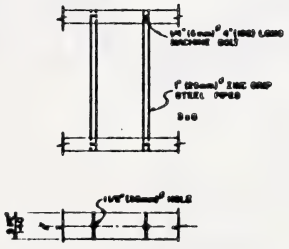
DETAIL A
SCALE 1:10



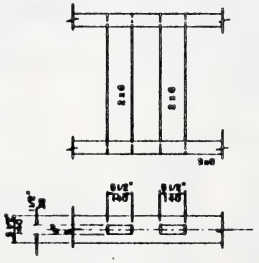
TIRE PLATE
DETAIL C
SCALE 1:2.5



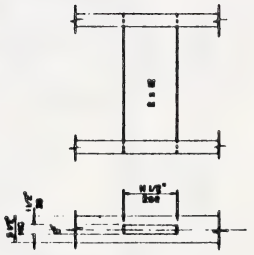
TYPICAL CONSTRUCTION
FOR ALL POSTS
DETAIL D
N.T.S



DETAIL E
N.T.S



DETAIL F
N.T.S



DETAIL G
N.T.S

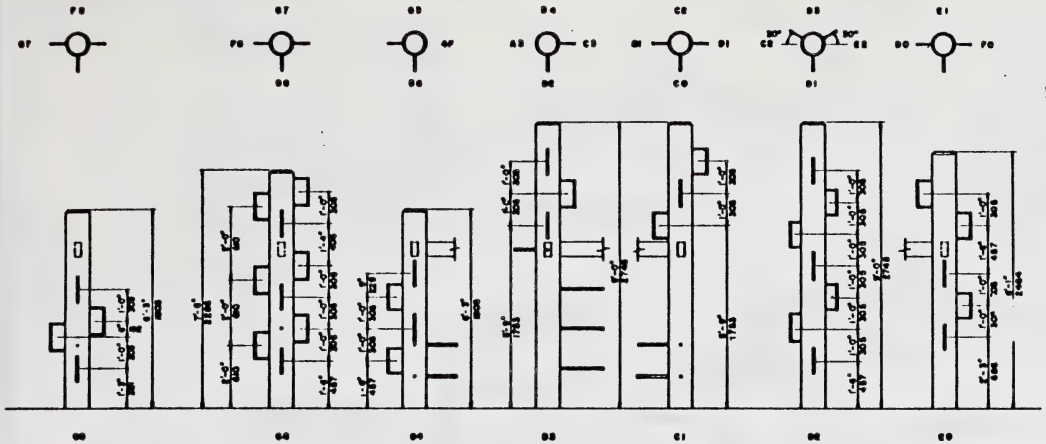
DEC 7 1970 GENERAL REVISIONS - pad
Revisions

CKD

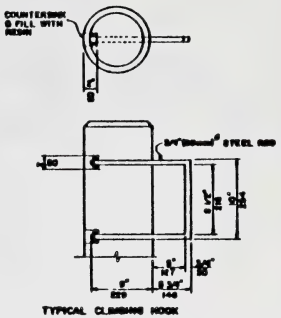
Edmonton Parks and Recreation

WOOD "CLIMB-ABOUT"

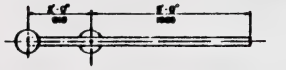
Drawn Pad	Head of Design	Date DEC 7 1970	Drawing No. SD 181
Design	Director	Scale AS SHOWN	
Checked / Rev. Date	Superintendent	File No.	

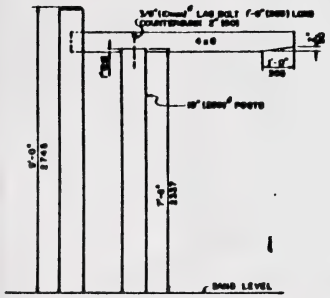


HOOK ASSEMBLY ON POSTS
SCALE 1:50

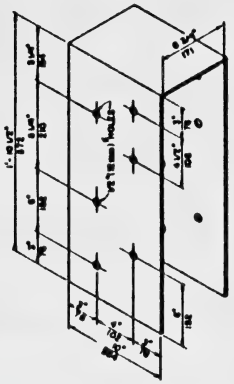


TYPICAL CLIMBING HOOK
DETAIL L
NOT TO SCALE

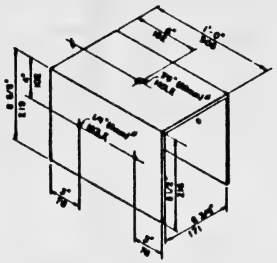




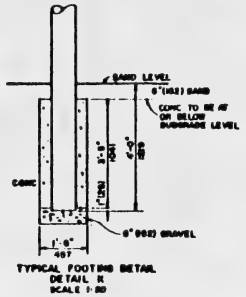
DETAIL H
SCALE 1:20



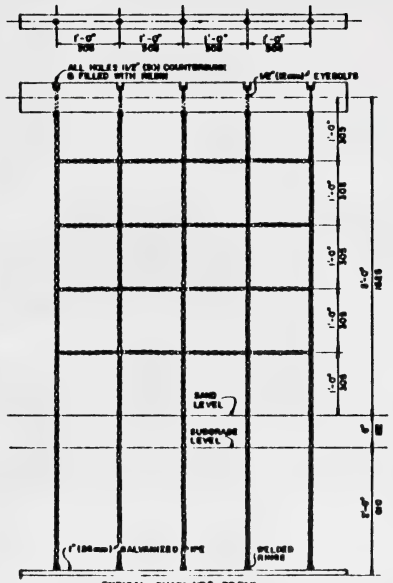
U - BRACKET
DETAIL I
SCALE 1:5



U - BRACKET
DETAIL J
SCALE 1:5



TYPICAL FOOTING DETAIL
DETAIL K
SCALE 1:20



TYPICAL CHAIN NET DETAIL
DETAIL M
SCALE 1:10

DEC 7 1979 GENERAL REVISIONS - pad
Revisions

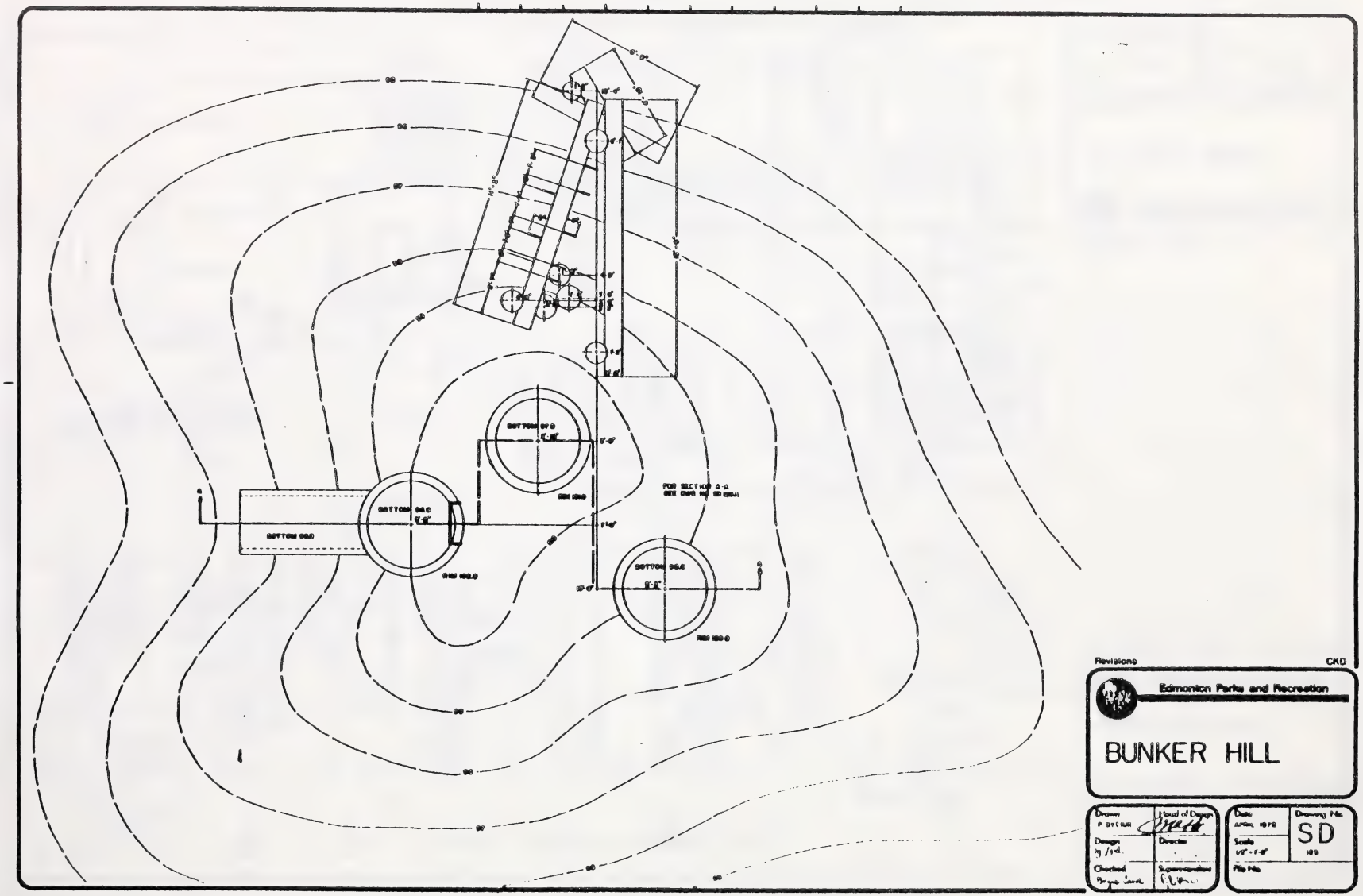
CKD

Edmonton Parks and Recreation

WOOD "CLIMB - ABOUT"

Drawn	Head of Design
Pad	
Design	Director
Checked	Superintendent

Date	Drawing No.
DEC 7 1979	SD
Scale	122
AS SHOWN	
File No.	



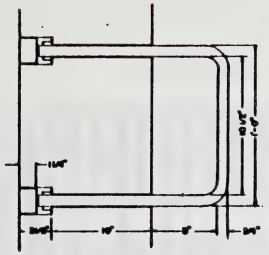
Revisions CKD

Edmonton Parks and Recreation

BUNKER HILL

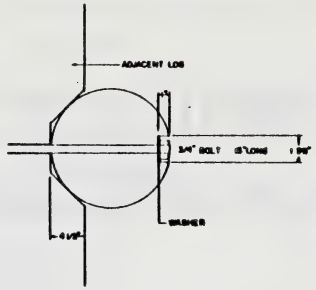
Drawn	Head of Design	Date
Design	Director	Scale
Checked	Superintendent	File No.

Drawing No. SD



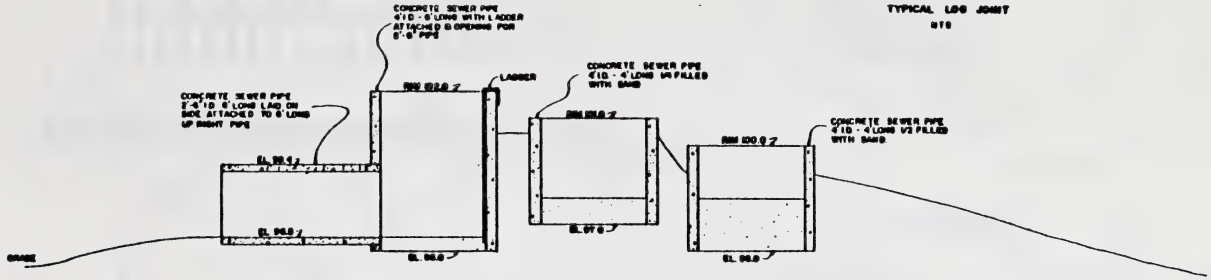
CLIMBING BOOM
NTS

STEEL DOWEL DETAIL
NTS



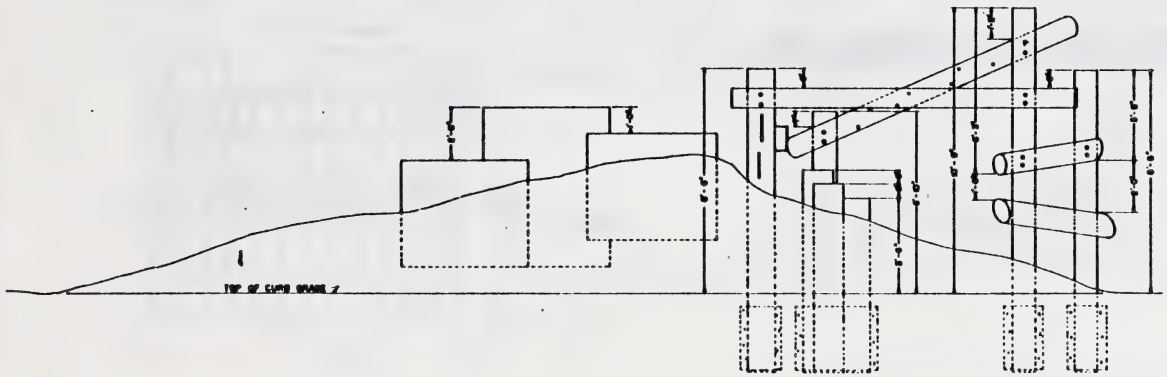
TYPICAL LOG JOINT
NTS

2 SEWER PIPES 4'I.D. - 4' LONG
1 SEWER PIPE 4'I.D. - 6' LONG
1 SEWER PIPE 5'-6"I.D. - 6' LONG
LOGS VARYING IN DIAMETER FROM 8" TO 14"


CONCRETE SEWER PIPE 4'I.D. - 6' LONG WITH LADDER ATTACHED & OPENING FOR 6'-0" PIPE
CONCRETE SEWER PIPE 2-4'I.D. 6' LONG LAID ON SIDE ATTACHED TO 6' LONG UP RIGHT PIPE
LADDER
CONCRETE SEWER PIPE 4'I.D. - 4' LONG W/ FILLED WITH SAND
CONCRETE SEWER PIPE 4'I.D. - 4' LONG W/2 FILLED WITH SAND
EL. 99.4
EL. 96.0
EL. 97.0
EL. 96.0
GRADE

SECTION A-A

FOR PLAN VIEW SEE DWG. NO. SD 128



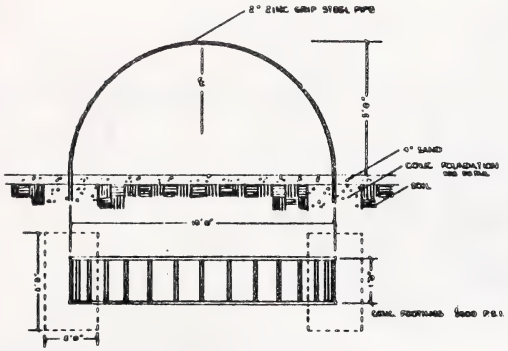
ELEVATION

Revisions CKD

Edmonton Parks and Recreation

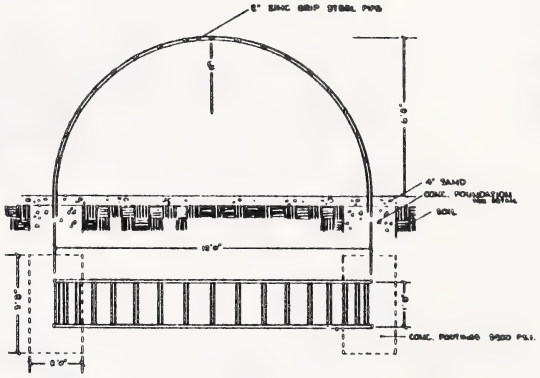
BUNKER HILL

Drawn P DYTIUK	Head of Design	Date APRIL 1976	Drawing No. SD 128
Design	Director	Scale 1/8" = 1'-0"	
Checked Bruce Lamb	Superintendent	File No.	



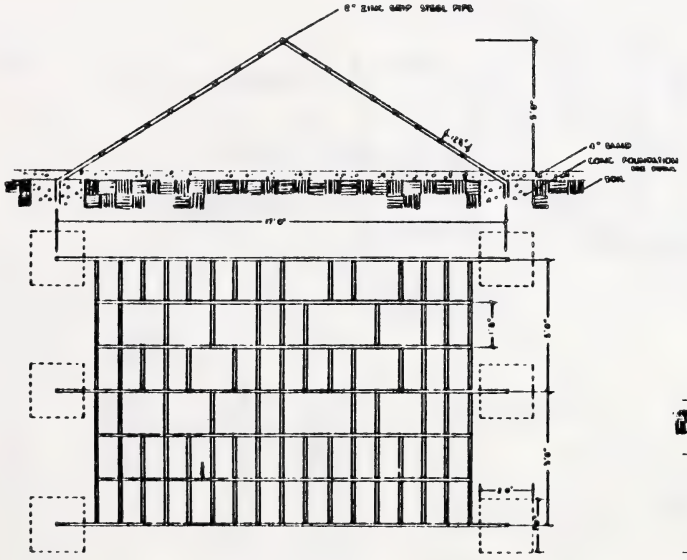
10 FOOT CLIMBER

SCALE 3/8"=1'-0"



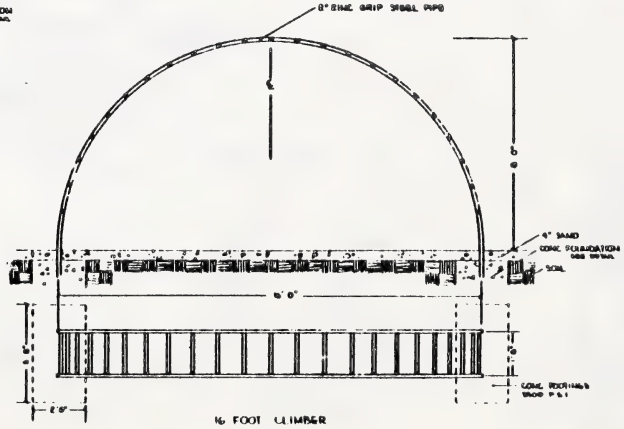
12 FOOT CLIMBER

SCALE 3/8"=1'-0"



17 FOOT SENIOR CLIMBER

SCALE 3/8"=1'-0"



16 FOOT CLIMBER

SCALE 3/8"=1'-0"

8" ϕ STANDARD WEIGHT ZINC GRIP STEEL PIPE

REVISIONS:

DATE JUNE 5, 1969 SCALE AS INDICATED

THE CITY OF EDMONTON

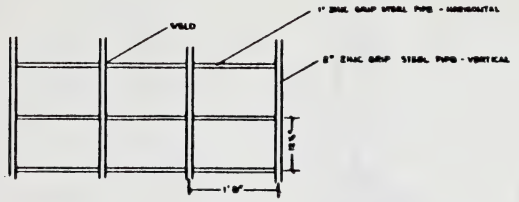
PARKS AND RECREATION DEPARTMENT

DETAILS FOR SENIOR CLIMBERS

CREATIVE PLAY EQUIPMENT

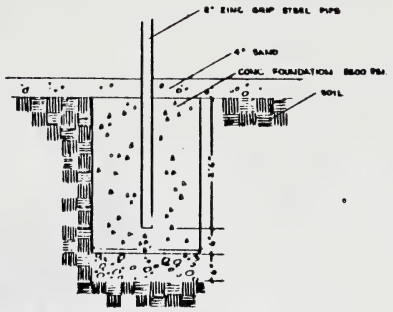
SD

129



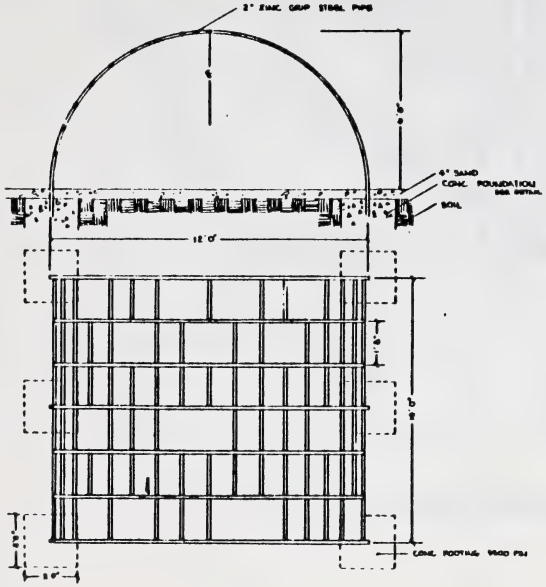
TYPICAL BAR SPACING

SCALE 1" - 1'-0"



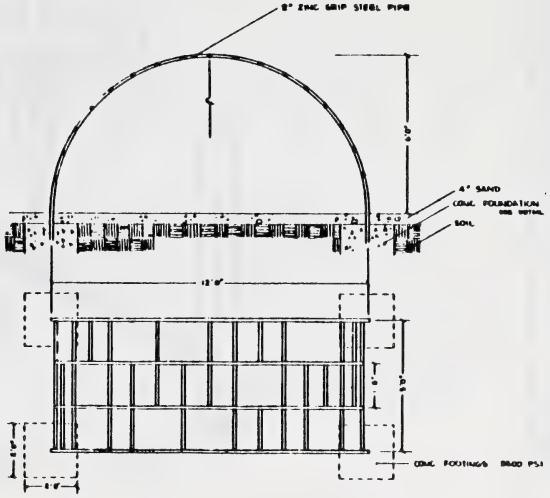
CONCRETE FOUNDATION DETAIL

SCALE 1" - 1'-0"



LARGE 12 FOOT CLIMBER

SCALE 3/4" - 1'-0"



MEDIUM 12 FOOT CLIMBER

SCALE 3/4" - 1'-0"

2" STANDARD WEIGHT ZINC GRIP STEEL PIPE

REVISIONS

DATE JUNE 6, 1969 SCALE AS INDICATED

THE CITY OF EDMONTON

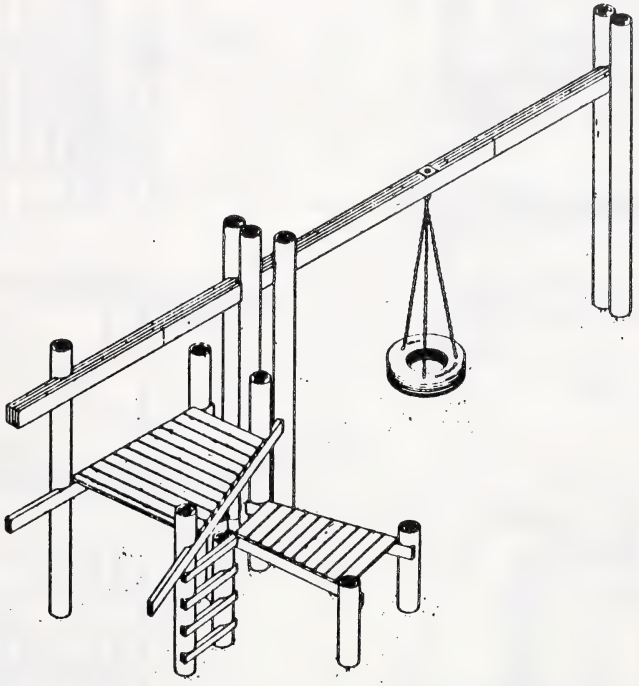
PARKS AND RECREATION DEPARTMENT

DETAILS FOR SENIOR CLIMBERS

CREATIVE PLAY EQUIPMENT

SD

30



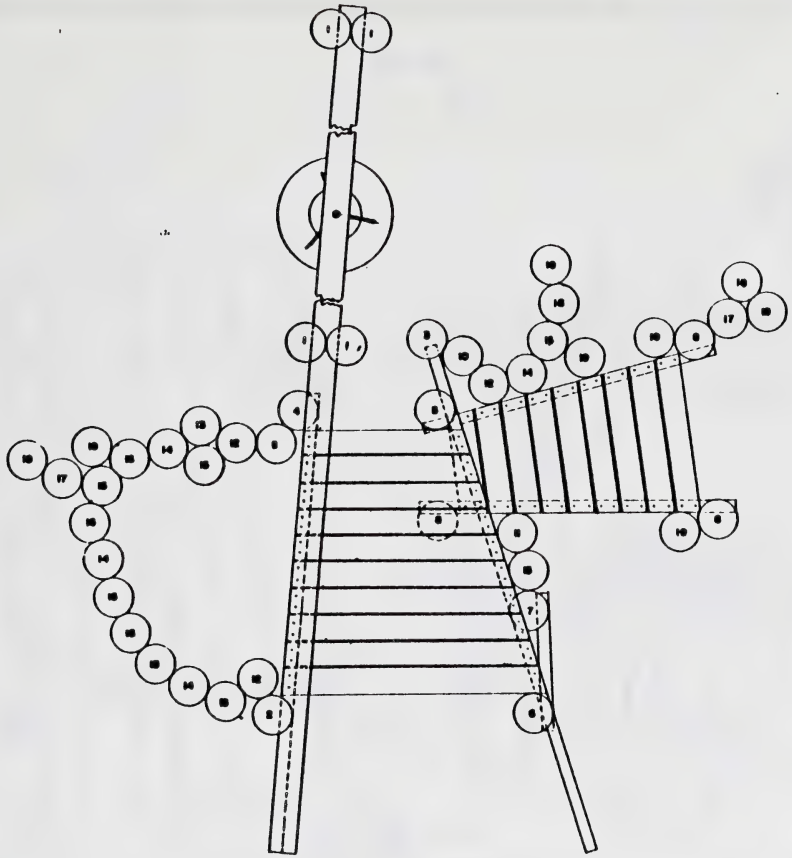
Revisions CKD

Edmonton Parks and Recreation

TREE HOUSE

Drawn	Head of Design
Design	Drafter
Checked - Plan	Superintendent

Date	Drawing No.
Scale	SD 132
File No.	



OVERALL PLAN SHOWING CLIMBING LOGS

LOG SCHEDULE

No.	QUANTITY	HEIGHT ABOVE GRADE	TOTAL LOG LENGTH	REMARKS
1	4	8' – 0"	16' – 0"	SEE DETAILS DWG. SD-132
2	1	18' – 0"	24' – 0"	
3	1	7' – 0"	11' – 0"	
4	1	7' – 0"	11' – 0"	
5	1	7' – 0"	11' – 0"	
6	1	6' – 0"	10' – 0"	
7	1	4' – 0"	8' – 0"	
8	3	5' – 0"	7' – 0"	
9	1	10' – 0"	14' – 0"	
10	1	6' – 0"	10' – 0"	
11	2	6' – 0"	10' – 0"	
12	3	5' – 0"	5' – 0"	
13	2	4' – 0"	6' – 0"	
14	4	4' – 0"	6' – 0"	
15	6	5' – 0"	7' – 0"	
16	3	5' – 0"	7' – 0"	
17	2	2' – 0"	6' – 0"	
18	3	2' – 0"	6' – 0"	
19	6	1' – 0"	6' – 0"	

TOTAL 46 LOGS 8" DIAMETER

BEAM EXTENDED & TIRE SWING ADDED 0618 gr

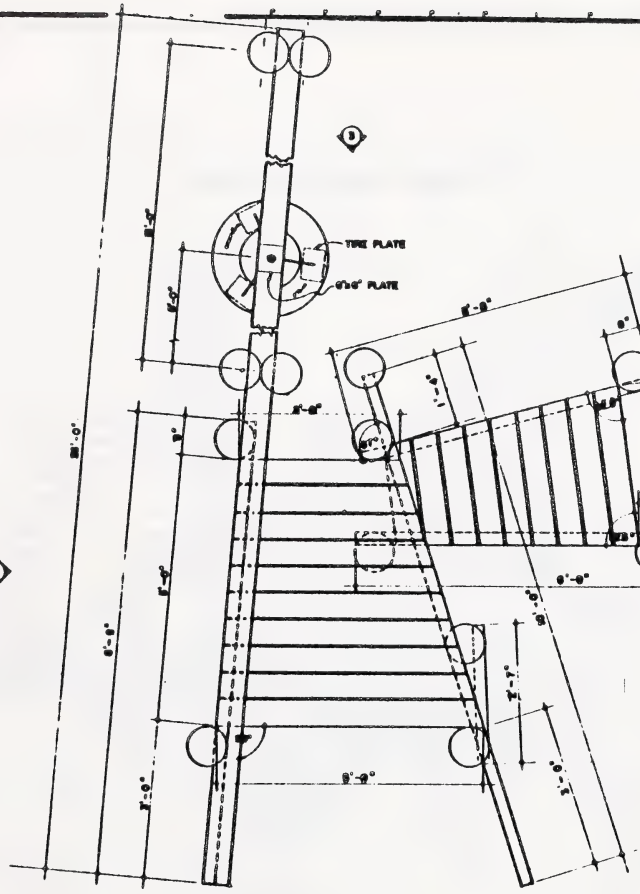
REVISIONS

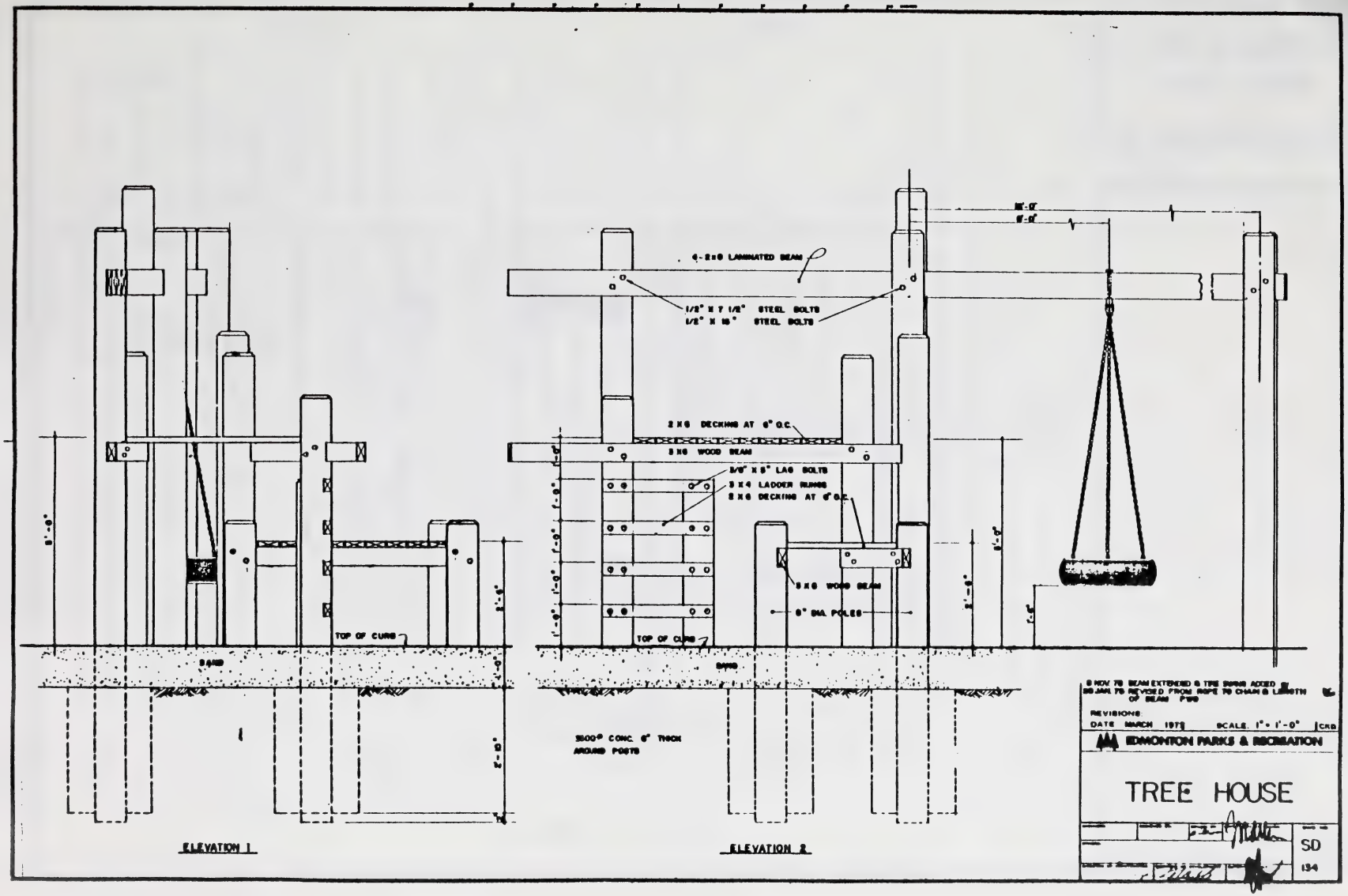
DATE MARCH 1978 SCALE 1" = 1'-0" DRG

EDMONTON PARKS & RECREATION

TREE HOUSE

SD 132A


TIRE PLATE
6'x6' PLATE
8'-0"
6'-0"
3'-0"
1'-6"
3'-0"
6'-0"
8'-0"
3'-0"
3'-0"
3



8 NOV 78 BEAM EXTENDED & TIRE SWING ADDED
20 JAN 78 REVISED FROM ROPE TO CHAIN & LENGTH OF BEAM P+B

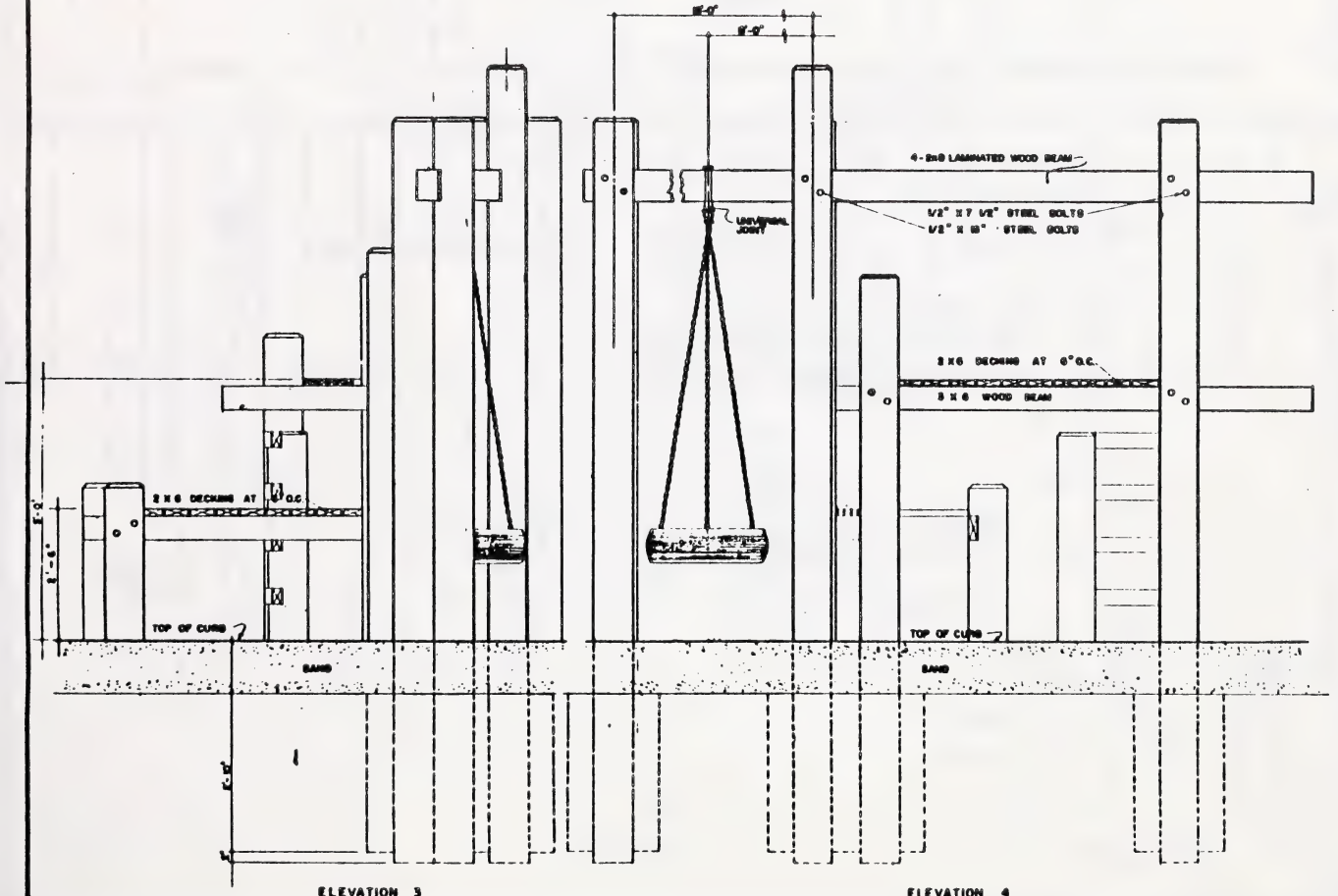
REVISIONS

DATE MARCH 1978 SCALE 1" = 1'-0" CKD

EDMONTON PARKS & RECREATION

TREE HOUSE

SD
134



9 NOV 79 BEAM EXTENDED & TYPE 9x6x8 ADDED @
88 JAN 78 REVISED FROM ROPE TO CHAIN & LENGTH OF BEAMS P.S.D.

REVISIONS

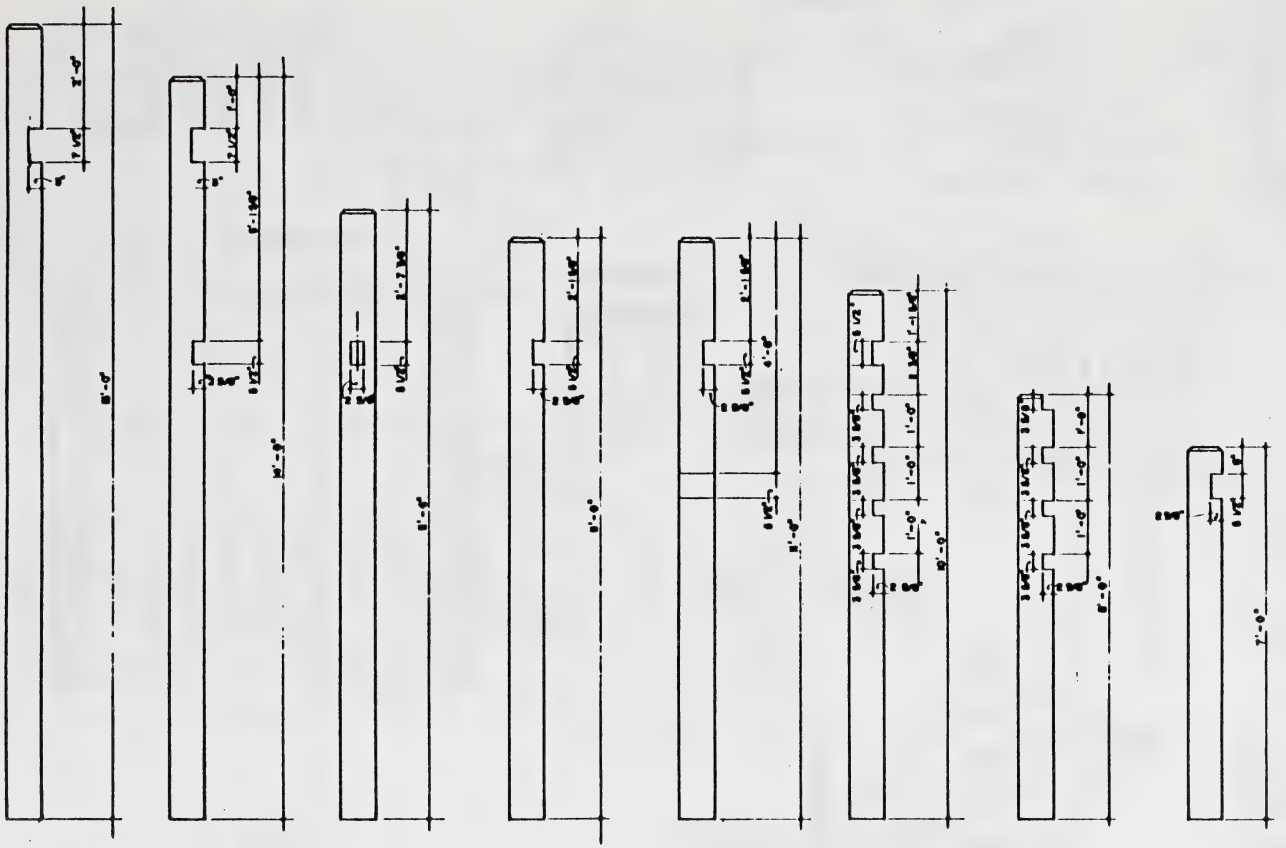
DATE MARCH 1978 SCALE 1" - 1' - 0" CHD

EDMONTON PARKS & RECREATION

TREE HOUSE

SD

138



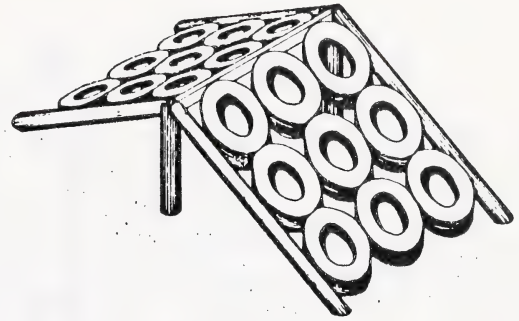
LOG DETAILS

EDMONTON PARKS & RECREATION

TREE HOUSE

SD
136

TOP VIEW



TIRE PYRAMID

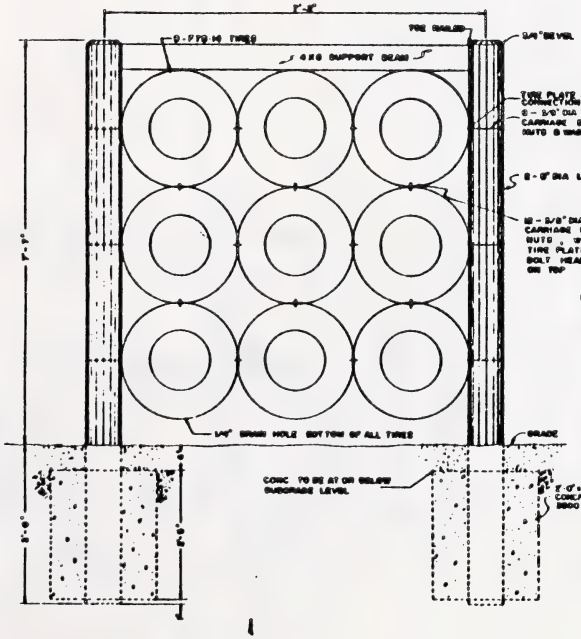
SCALE: 1/4" = 1'-0"

MATERIAL LIST — TIRE WALL

QUANTITY	DESCRIPTION	SIZE
8	LOGS	8" DIA 10'-7" LG
9	TIRES	P 215 - 14
10	CARRIAGE BOLTS C/W WASHERS AND NUTS	5/8" DIA 8" LG
6	CARRIAGE BOLTS C/W WASHERS & NUTS	5/8" DIA 6" LG
9	U CLAMPS	5" LG
1	CHAIN	5/16" 6'-6" LG
8	EYE BOLTS	1/2" DIA 8" LG
	CONCRETE 3000 psi	8'-0" x 2'-0" - 2'-6" DEEP
1	SUPPORT BEAM	4 X 8 X 8'-10"
27	TIRE PLATES	SEE DETAIL

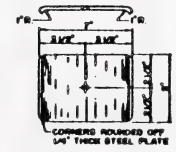
MATERIAL LIST — TIRE PYRAMID

QUANTITY	DESCRIPTION	SIZE
8	LOGS	8" DIA 7'-0" LG
4	LOGS	8" DIA 8'-0" LG
10	TIRES	P 215 - 14
4	GALV ANCHOR RODS	1" DIA 5'-0" LG
8	THREADED RODS	1/2" DIA 1'-8" LG
8	THREADED RODS	1/2" DIA 8'-0" LG
18	CARRIAGE BOLTS C/W WASHERS & NUTS	5/8" DIA 8" LG
27	CARRIAGE BOLTS C/W WASHERS & NUTS	5/8" DIA 8" LG
1	CHAIN	5/16" 6'-6"
8	EYE BOLTS	1/2" DIA 8" LG
	CONCRETE 3000 psi	8'-0" x 2'-0" - 2'-6" DEEP
1	SUPPORT BEAM	4 X 8 X 8'-10"
60	TIRE PLATES	SEE DETAIL

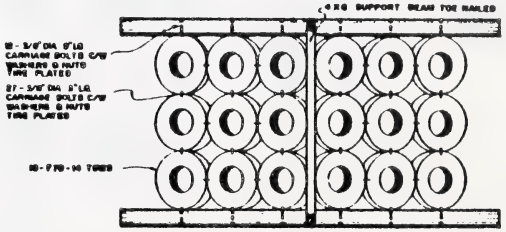

8'-10"
10 - P215-14 TIRES
TOE NAILED
4 X 8 SUPPORT BEAM
3/4" BEVEL
TIRE PLATE AT EACH CONNECTION POINT
8 - 5/8" DIA - 8" LG CARRIAGE BOLTS C/W NUTS & WASHERS
8 - 8" DIA LOGS
18 - 5/8" DIA - 8" LG CARRIAGE BOLTS C/W NUTS, WASHERS & TIRE PLATES BOLT HEAD TO BE ON TOP
7'-6"
1/4" DRAIN HOLE BOTTOM OF ALL TIRES
GRADE
CONC TO BE AT OR BELOW SUBGRADE LEVEL
2'-0" x 2'-0" CONCRETE 3000 psi

TIRE WALL

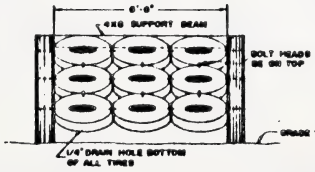
SCALE 1" = 1'-0"



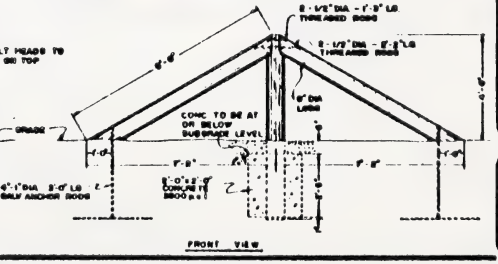
TIRE PLATE


4 X 8 SUPPORT BEAM TOE NAILED
18 - 5/8" DIA 8" LG CARRIAGE BOLTS C/W WASHERS & NUTS TIRE PLATES
27 - 5/8" DIA 8" LG CARRIAGE BOLTS C/W WASHERS & NUTS TIRE PLATES
10 - P215-14 TIRES

PLAN VIEW



END VIEW


8 - 1/2" DIA - 7'-8" LG THREADED RODS
8 - 1/2" DIA - 8'-8" LG THREADED RODS
8'-6"
8" DIA LOGS
CONC TO BE AT OR BELOW SUBGRADE LEVEL
7'-6"
7'-6"
4 - 1" DIA 5'-0" LG GALV ANCHOR RODS
2'-0" x 2'-0" CONCRETE 3000 psi

FRONT VIEW

REV NO. 1 '78 - SUPPORT BEAM ADDED & MINOR - D.R.C
OCT 3, 1975 ADDED CHAIN PWD
Revisions CKD

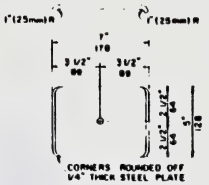
Edmonton Parks and Recreation

TIRE WALL
TIRE PYRAMID

Drawn	Head of Design
P. DYTIUK	
Design	Director
Checked	Superintendent

Date	Drawing No.
27 JAN 78	SD 137
Scale	
AS SHOWN	
File No.	

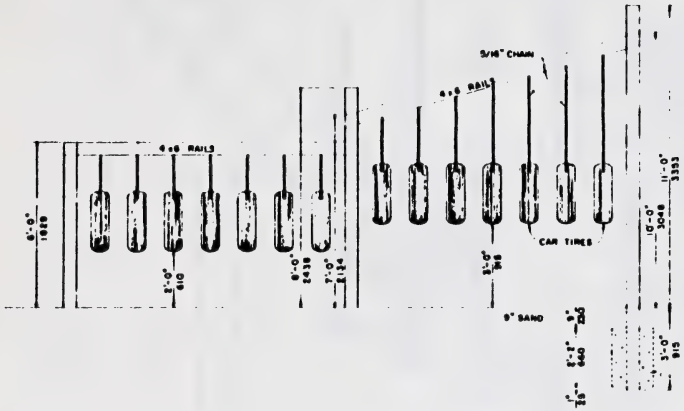
PLAN VIEW



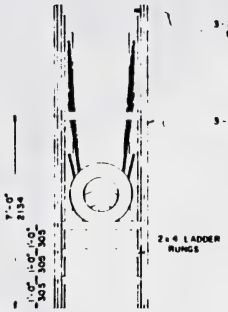
TIRE PLATE

LIST OF MATERIALS		
QUANTITY	DESCRIPTION	SIZE
2	LAMINATED POSTS	3-2x6 - 9'-0" LONG
2	LAMINATED POSTS	3-2x6 - 11'-0" LONG
2	LAMINATED POSTS	3-2x6 - 14'-0" LONG
8	LAMINATED BEAMS	3-2x6 - 2'-10 1/2" LONG
2	RAILS	4x6 - 10'-8" LONG
2	RAILS	4x6 - 11'-4" LONG
7	LADDER RUNGS	2x4 - 2'-10 1/2" LONG
28	EYE BOLTS	1/2" DIA - 9 1/2" LONG
68 LIN FT	CHAIN	5/16"
56	COLD SHUTS	5/16"
14	CAR TIRES	
28	TIRE PLATES	SEE DETAIL
3.5 CU YD	3500 psi CONCRETE	2'-8" - 18" DIA

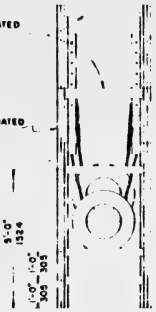
NOTE
DRAINAGE HOLES 1" DIA AT BOTTOM OF TIRES
COUNTERSINK & FILL WITH RESIN ALL BOLTS



ELEVATION



RIGHT ELEVATION



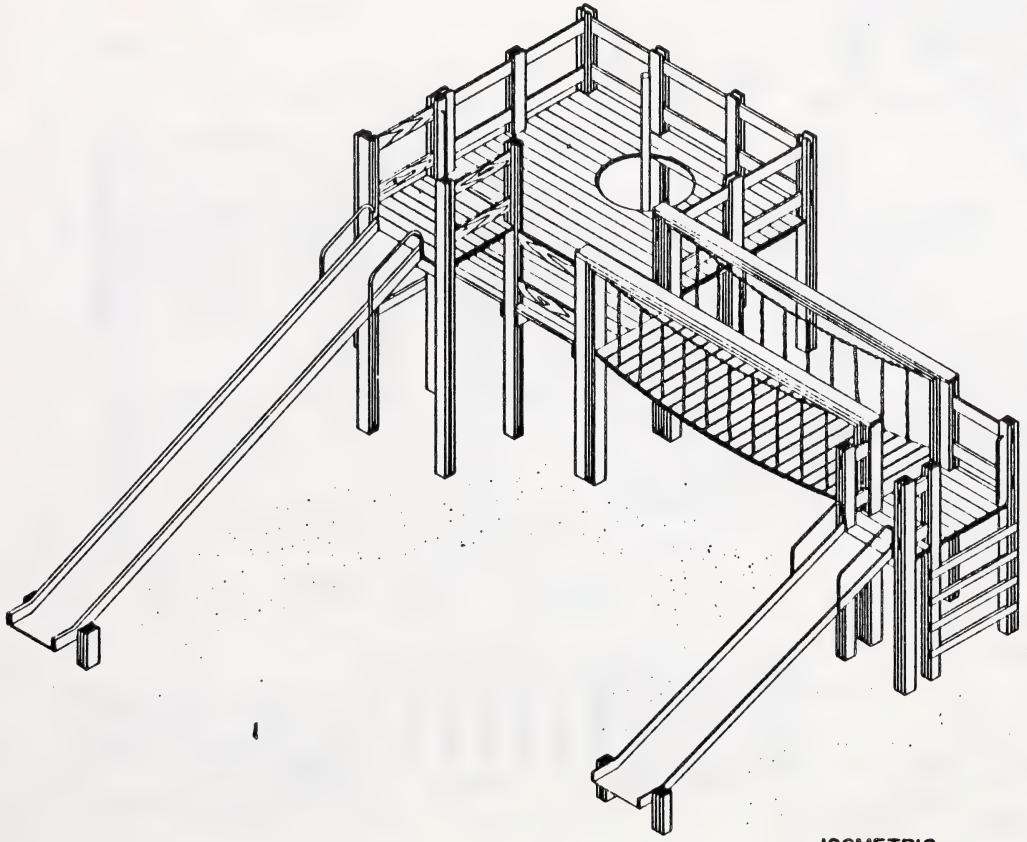
LEFT ELEVATION

Revisions CKD

Edmonton PARKS AND RECREATION

TIRE CRAWLER

Drawn	Supervisor	Date JUNE 26, 1979	Drawing No. SD 138
Design	Director	Scale 1/2" = 1'-0"	
Checked	Manager	File No.	
	General Manager		



ISOMETRIC

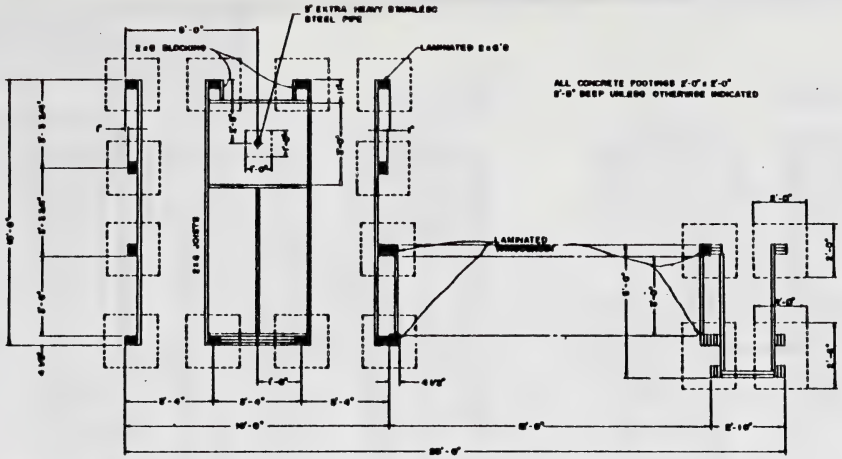
Revisions NOV 23/78 - JR SLIDE & BRACE POSTS - DR C CKD

Edmonton Parks and Recreation

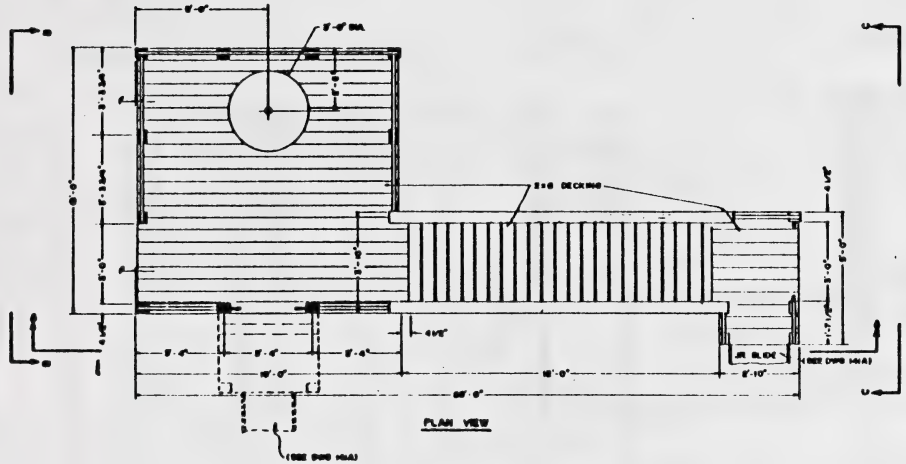
SUSPENSION BRIDGE

Drawn	Head of Design
P. DeTHUE	
Design	Director
	H. Hinz
Checked	Superintendent

Date	Drawing No.
JULY 1978	SD 139
Scale	
1/2" = 1'-0"	
File No.	



POST AND JOIST DETAIL



PLAN VIEW

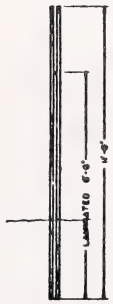
NOV 07/78 - SLIDE MODIFICATIONS - B.R.C.
SEPT 30/1979 ADDED 2 LAMINATED POSTS - P.W.D.

Revisions CKD

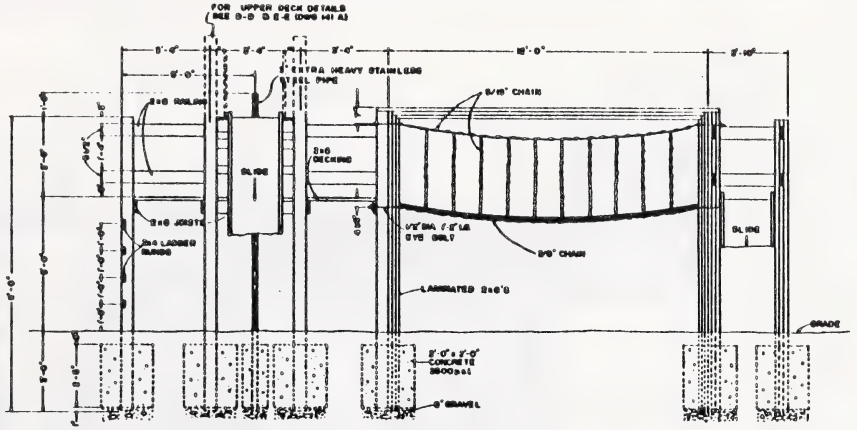
Edmonton Parks and Recreation

SUSPENSION BRIDGE

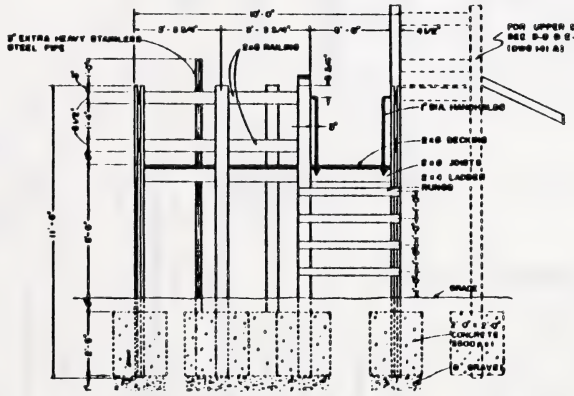
Drawn	Head of Design	Date	Drawing No.
P. ONTJUK		MARCH 1979	SD 140
Design	Director	Scale 1/2" = 1'-0"	
Checked	Superintendent	File No.	



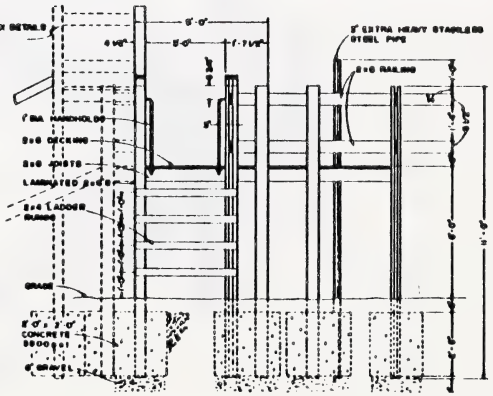
POST DETAIL



ELEVATION A-A



ELEVATION B-B



ELEVATION C-C

MATERIALS LISTS

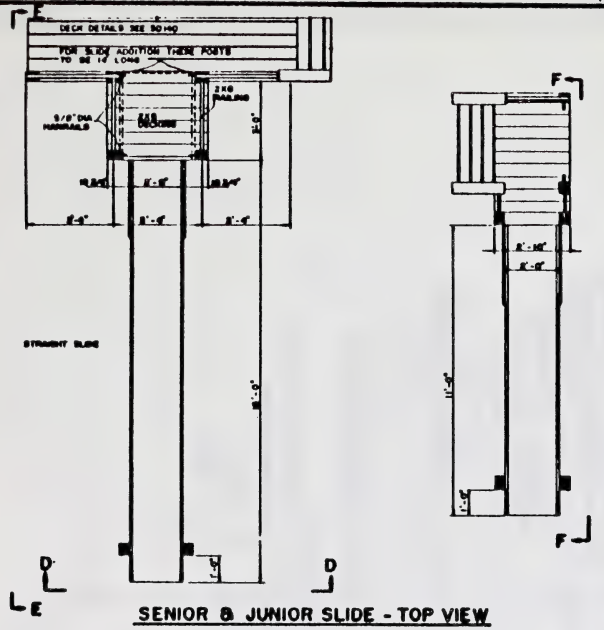
NO	DESCRIPTION	SIZE
24	DECKING	2"x6" 5'-10" LONG
14	DECKING	2"x6" 6'-10" LONG
11	DECKING	2"x6" 5'-11½" LONG
8	DECKING	2"x6" 10'-3 1/8" LONG
7	DECKING	2"x6" 4'-8 1/2" LONG
10	JOISTS	2"x6" 10'-0" LONG
3	JOISTS	2"x6" 5'-8 1/2" LONG
2	JOISTS	2"x6" 5'-9 1/2" LONG
3	JOISTS	2"x6" 5'-10" LONG
1	JOIST	2"x6" 5'-6" LONG
3	BLOCKING	2"x6" 5'-11½" LONG
2	BLOCKING	2"x6" 10" LONG
2	BLOCKING	2"x6" 2'-11" LONG
2	JOISTS	2"x6" 6'-6" LONG
4	RAILING	2"x6" 2'-10 1/2" LONG
4	RAILING	2"x6" 10'-0" LONG
4	RAILING	2"x6" 6'-8" LONG
2	RAILING	2"x6" 3'-0" LONG
2	RAILING	2"x6" 3'-8" LONG
4	RAILING	2"x6" 1'-7 1/8" LONG
1	STRAIGHT SLIDE	10'-0" LONG
1	JUNIOR SLIDE	11'-0" LONG
4	HANDHOLDS	5/8" DIA. X 5'-0" LONG
6	HANDHOLDS	1" DIA. X 5'-0" LONG
8	LADDER RUNGS	2 X 4"S 5'-10" LONG
2	LADDER RUNGS	2"x6"S 4'-0 5/8" LONG
80'	CHAIN	5/16"
80'	CHAIN	5/16"
4	LAMINATED BRACE SUPPORTS	3-2"x6"S 10'-10" LONG
8	LAMINATED POSTS BRACE PARTS	3-2"x6"S 11'-5" LONG
14	LAMINATED POSTS	3-2"x6"S 11'-0" LONG
4	LAMINATED POSTS	3-2"x6"S 10'-0" LONG
4	EYE BOLTS C/W NUTS & WASHERS	5/8" DIA. X 12'-2" LONG
1	EXTRA HEAVY STAINLESS STEEL PIPE	5" DIA. X 10'-0" LONG
105'	COATED RAIL	2 1/8"
7	CUBIC METERS OF CONCRETE	
180	SLIDE SIDE HANDRAIL	5/8" DIA

NOV 27/78 - SLIDE ADDITION - DAC
SEPT 30, 1978 ADDED 5" LAMINATED POSTS - PWD
Revisions CKD

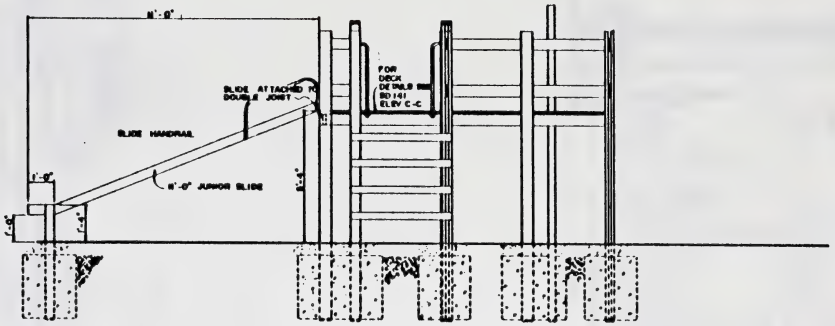
Edmonton Parks and Recreation

SUSPENSION BRIDGE

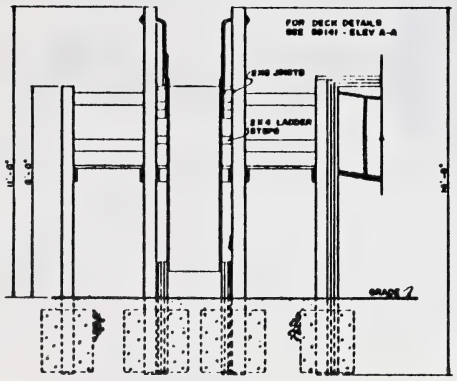
Drawn	Head of Design	Date	Drawing No.
P. DITTUR		MARCH 1978	SD
Design	Director	Scale	141
Checked	Superintendent	1/8" = 1'-0"	
		File No.	



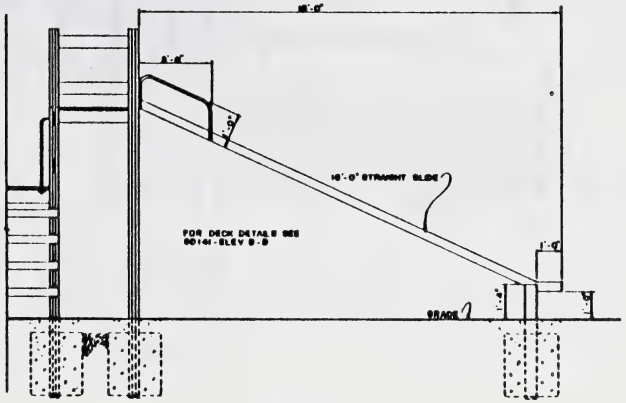
SENIOR & JUNIOR SLIDE - TOP VIEW



ELEVATION F-F



ELEVATION D-D



ELEVATION E-E

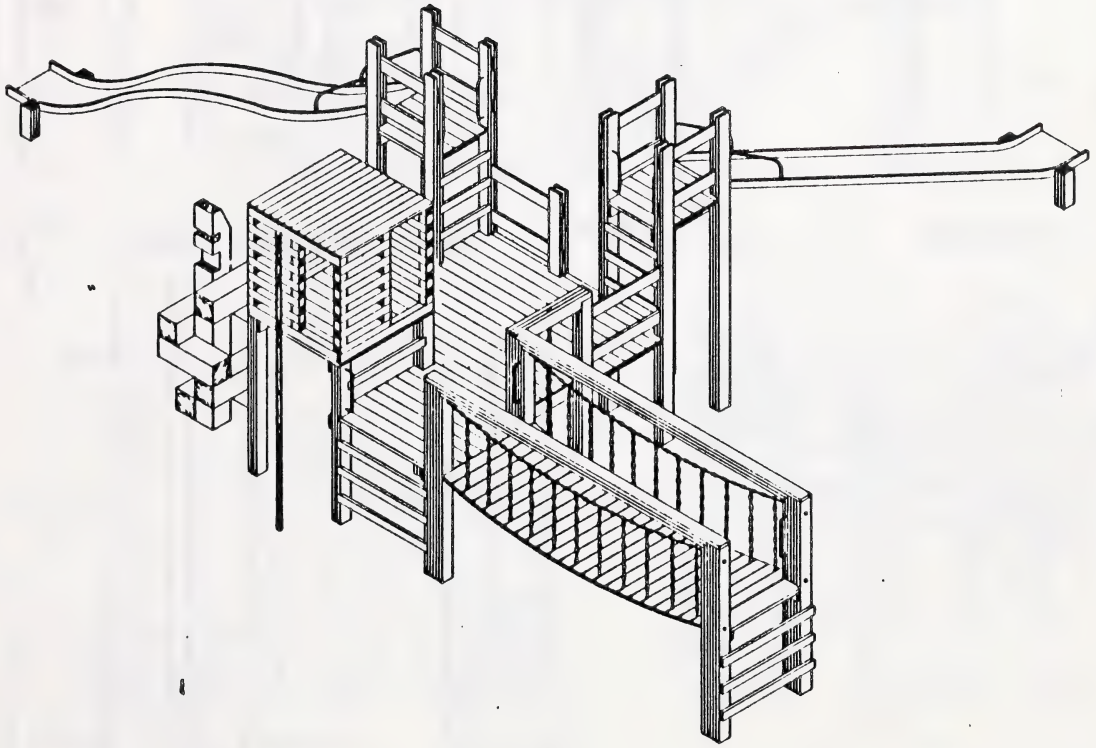
Revisions NOV 29/78 - SLIDE MODIFICATION - D R C CKD

Edmonton Parks and Recreation

SUSPENSION BRIDGE

Drawn D R C	Head of Design
Design	Director
Checked	Superintendent

Date NOV 29/78	Drawing No. SD 141-A
Scale 1/8" = 1'-0"	
File No.	



MATERIAL LIST

QUANTITY	DESCRIPTION	SIZE
6	LAMINATED POSTS	5 - 2 x 6 x 13' - 0" LG
5	LAMINATED POSTS	5 - 2 x 6 x 9' - 0" LG
4	LAMINATED POSTS	3 - 2 x 6 x 8' - 0" LG
4	LAMINATED POSTS	3 - 2 x 6 x 5' - 0" LG
1	LAMINATED POSTS	3 - 2 x 6 x 3' - 0" LG
5	JOISTS	2 x 6 - 10' - 0" LG
4	JOISTS	2 x 6 - 8' - 0" LG
6	BLOCKING	2 x 6 - 5' - 0" LG
5	BLOCKING	2 x 6 - 1' - 7" LG
3	BLOCKING	2 x 6 - 1' - 9" LG
6	DECKING	2 x 6 - 5' - 11" LG
7	DECKING	2 x 6 - 5' - 0" LG
9	DECKING	2 x 6 - 4' - 0" LG
9	DECKING	2 x 6 - 3' - 0" LG
1	DECKING	2 x 6 - 4' - 1 1/2" LG
6	DECKING	2 x 6 - 4' - 10 1/2" LG
52	DECKING	2 x 6 - 4' - 0" LG
9	RAILING	2 x 6 - 5' - 0" LG
6	RAILING	2 x 6 - 5' - 11" LG
2	RAILING	2 x 6 - 5' - 11" LG
8	RAILING	2 x 6 - 5' - 0 1/2" LG
2	RAILING	2 x 6 - 5' - 7" LG
6	LADDER RUNGS	2 x 6 - 5' - 0" LG
1	LADDER RUNGS	2 x 6 - 5' - 0" LG
3	LADDER RUNGS	2 x 6 - 5' - 11" LG
5	LADDER RUNGS - 1 1/2" GAL PIPE	1' - 0" LG (SEE DETAIL)
3	1/2" DIA. IRON RODS	2' - 0" LG
1	TREAD	2 x 6 - 4' - 2" LG
1	TREAD	2 x 6 - 5' - 0" LG
90 LIN FT	CHAIN	5/16"
5	LADDER RUNGS	2 x 6 - 4' - 0" LG
90 LIN FT	CHAIN	5/16"
6	LAMINATED POSTS	3 - 2 x 6 - 12' - 0" LG
1	EYE BOLT C/W NUTS & WASHER	5/16" DIA - 8" LG
4	EYE BOLT C/W NUTS & WASHERS	1/2" DIA - 1' - 0" LG
2	ANCHOR RODS	1" DIA - 3' - 0" LG
1	STEEL PIPE - 8" DIA	10' - 0" LG
23	3000 psi CONCRETE	1' - 0" DIA x 3' - 0" DEEP
1	SHG CITY CURB	
10	HAND HOLDS (SEE DETAILS)	
1	16' STRAIGHT SLIDE	
1	16' WAVE SLIDE	
1	RAILINGS	2 x 6 - 11' - 0" LG
1	RAILINGS	2 x 6 - 10' - 0" LG
1	RAILINGS	2 x 6 - 5' - 0" LG

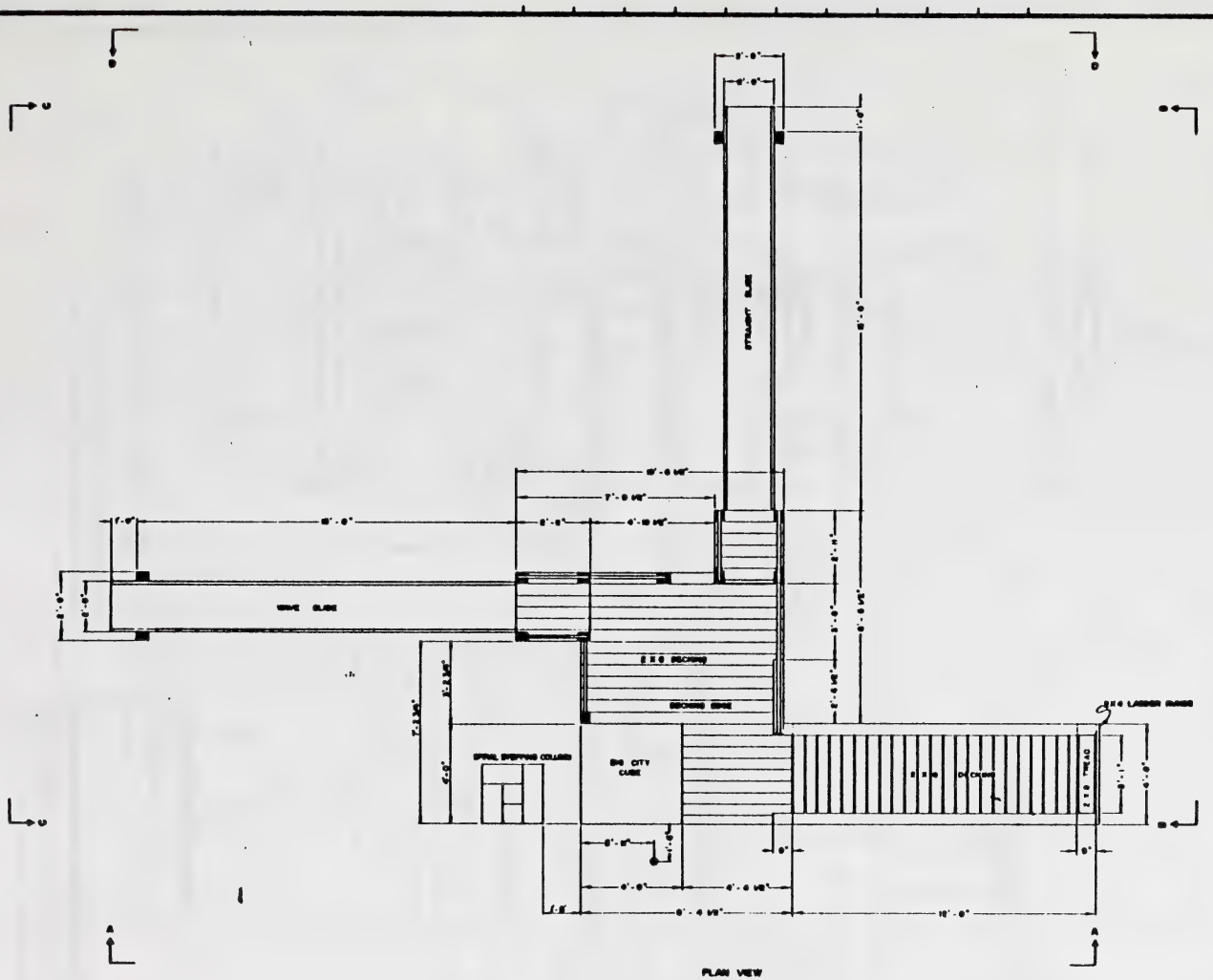
Revisions

CKD

Edmonton Parks and Recreation

MULTI DECK

Drawn: R. DEWERT	Head of Design:	Date: APRIL 1979	Drawing No: SD
Design:	Director:	Scale: 1/2" - 1' - 0"	100
Checked:	Superintendent:	File No:	



PLAN VIEW

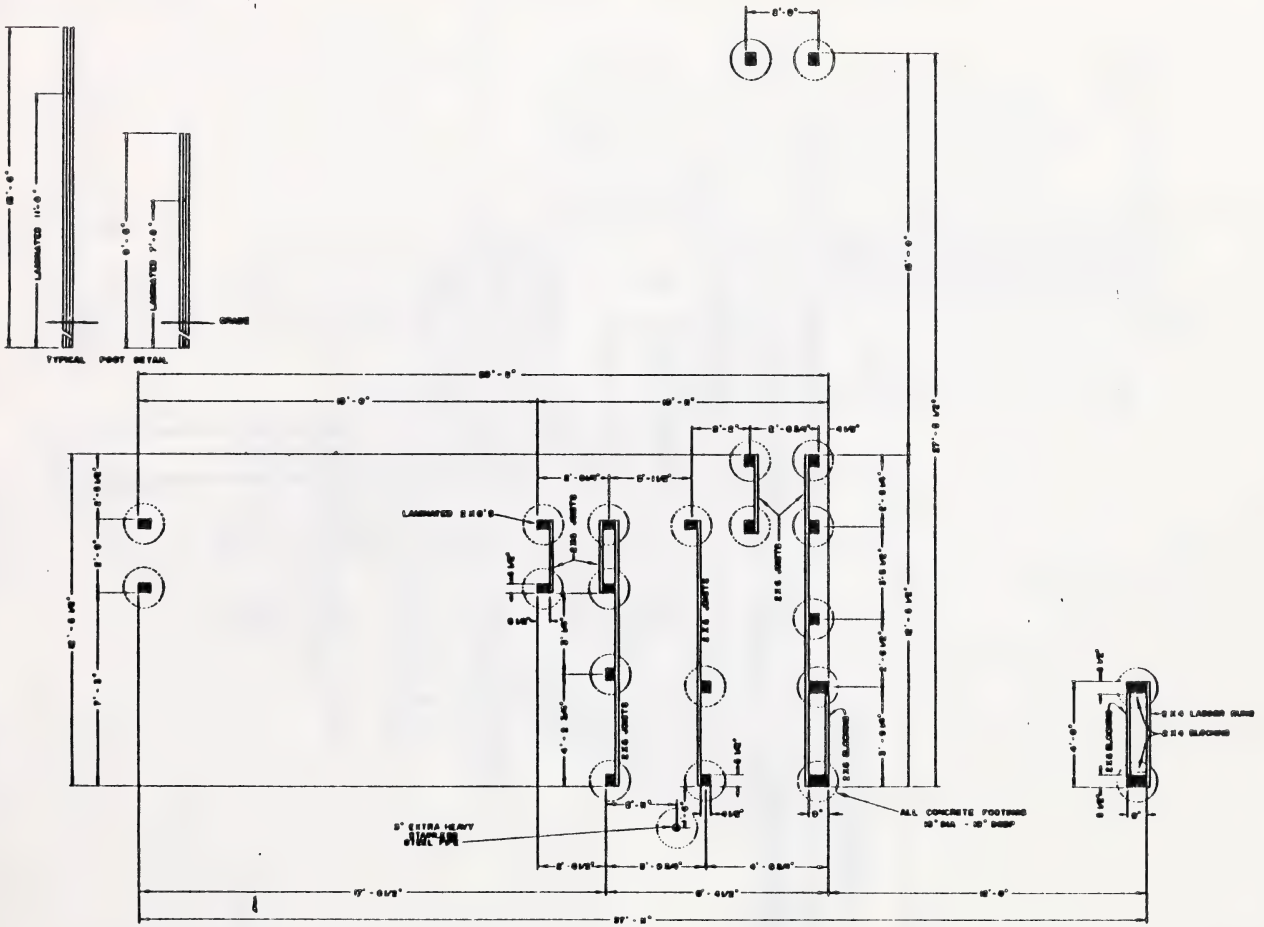
NOV 28 '75 SPIRAL STEPPING COLUMN ADDED AT
OCT 8, 1975 - LADDER RUNGS ADDED TO END OF SLIDE - NO
OCT 1,1975 ADDED 2 LAMINATED POSTS - PMB

Revisions CKD

Edmonton Parks and Recreation

MULTI DECK

Drawn	Head of Design	Date APRIL 1975	Drawing No. SD 100
Design	Director	Scale 1/8" = 1'-0"	
Checked	Superintendent	File No.	



OCT 9, 1975 - LADDER RUNGS ADDED TO END OF GRADE - MD
OCT 1975 ADDED 2 LAMINATED POSTS - PWD

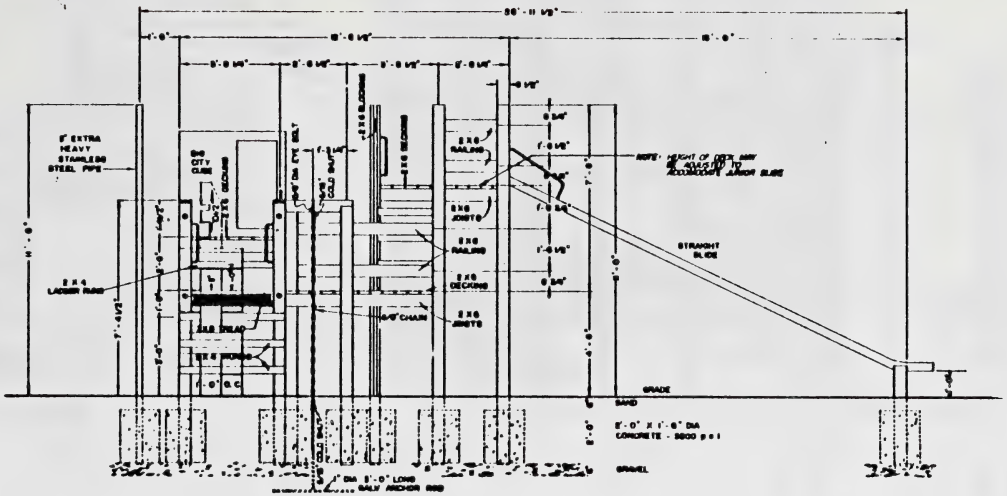
Revisions CKD

Edmonton Parks and Recreation

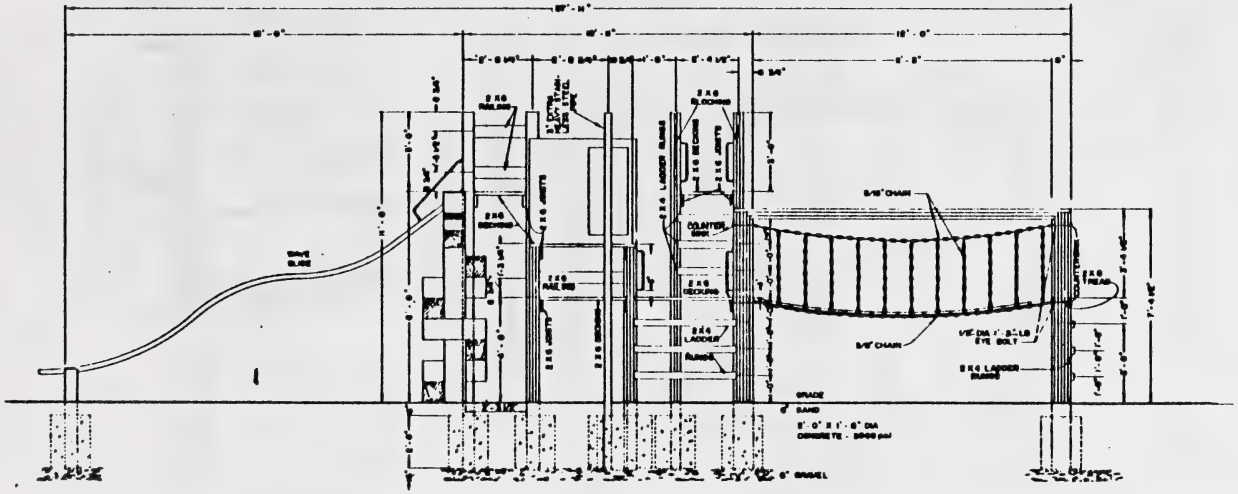
MULTI DECK

Drawn	Head of Design
Design	Director
Checked	Superintendent

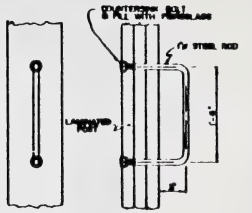
Date	Drawing No.
Scale	SD
P.E. No.	



ELEVATION B - B



ELEVATION A - A

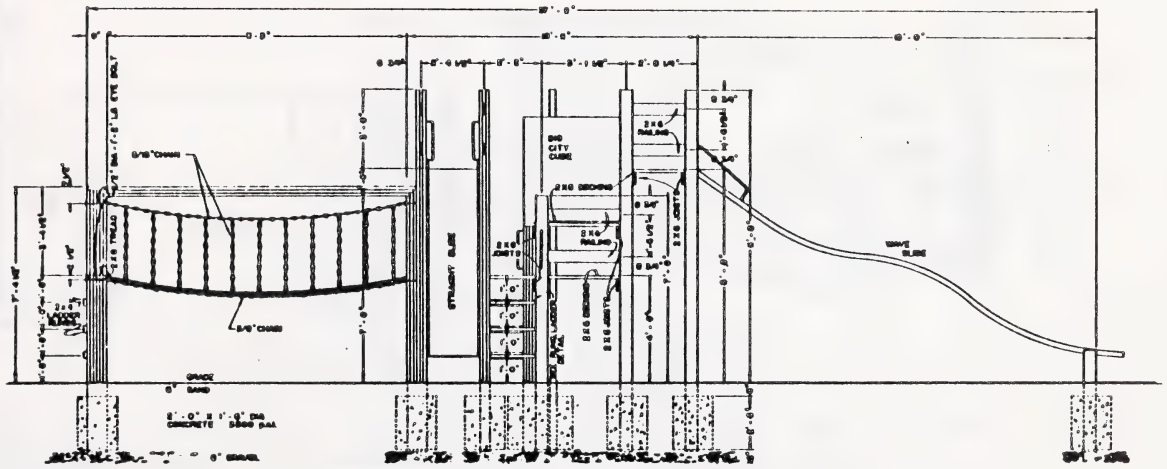


Revisions	CKD
DEC 4 1978 RAILING REVISED - GT JUNE 6, 1977 HAND HOLD DETAIL REVISED - GT OCT 6, 1978 LADDER RUNGS ADDED TO END OF SLIDE - RB OCT 1, 1979 ADDED 2 LAMINATED POSTS - PWB	

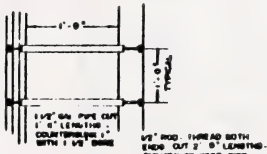
Edmonton Parks and Recreation

MULTI DECK

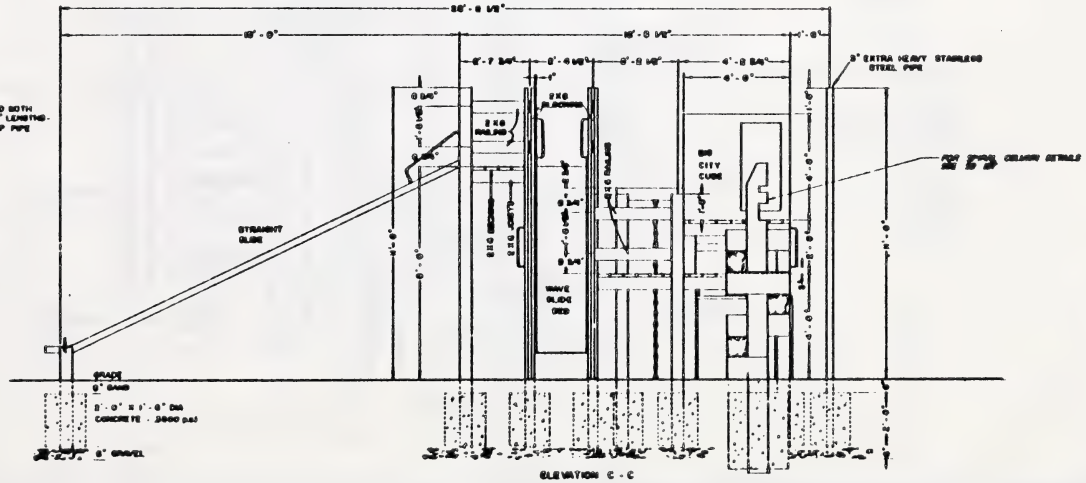
Drawn	Head of Design	Date	Drawing No
Design	Director	Scale	SD
Checked	Superintendent	File No	



ELEVATION B - B



RUNG LADDER DETAIL
SCALE - 1" - 1'-0"



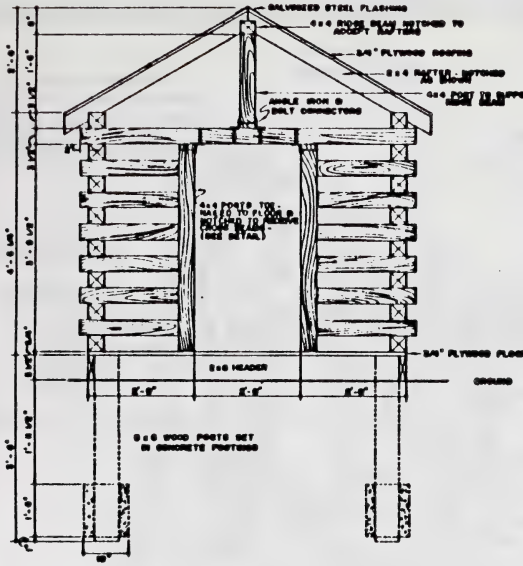
ELEVATION C - C

DEC 8, 1975 SPIRAL COLUMN & HAND RAIL ADDED BY
OCT 9, 1975 - LADDER RUNGS ADDED TO END OF SLIDE - MB
OCT 11, 1975 ADDED 2 LAMINATED POSTS - P W D
Revisions CKD

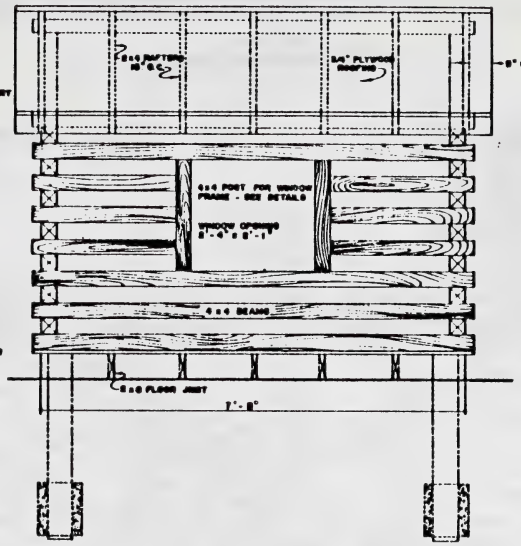
Edmonton Parks and Recreation

MULTI DECK

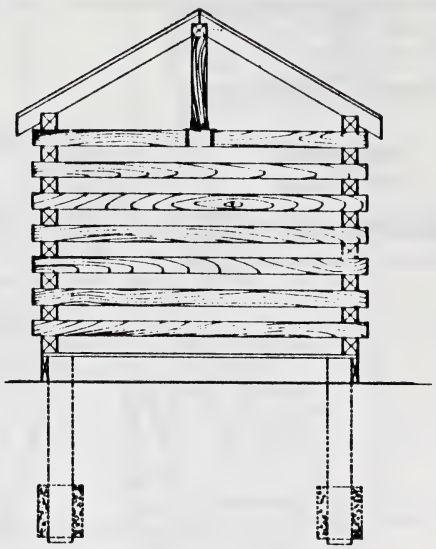
Drawn R. DEWERY	Head of Design	Date APRIL 1975	Drawing No. SD 149
Design	Director	Scale 1/8" - 1'-0"	
Checked	Superintendent	File No.	



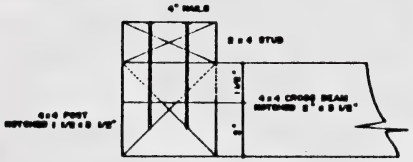
FRONT ELEVATION



SIDE ELEVATION
(RIGHT AND LEFT)

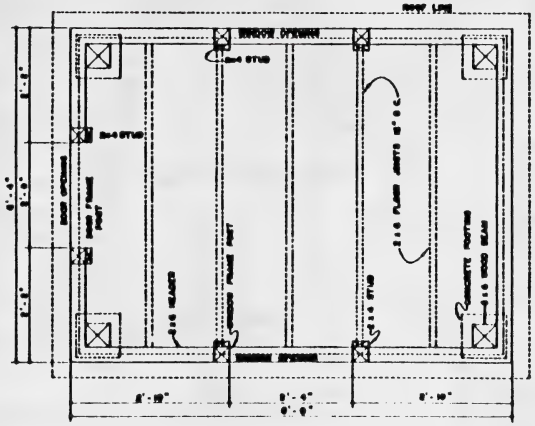


REAR ELEVATION



DETAIL FOR WINDOW & DOOR
FRAME CONSTRUCTION
(SCALE - 1/2" = 1'-0")

PLYWOOD CUTTING DETAIL
SCALE 1/4" = 1'-0"



PLAN VIEW

MATERIAL LIST

QUANTITY	DESCRIPTION	SIZE
100 SQ FT	PLYWOOD (SEE CUTTING DETAIL)	3/4"
100 LIN FT	6 x 6" o	
70 LIN FT	8 x 6" o	
28 LIN FT	8 x 8" o	
140 LIN FT	6 x 6" o	
6	ANGLE IRON	8" x 8" x 1/4" THICK - 8 1/2" LONG
	GALVANIZED STEEL FLASHING	6" x 6" - 0" LONG
4 FOOTINGS	CONCRETE	8" x 8" x 1'-0"

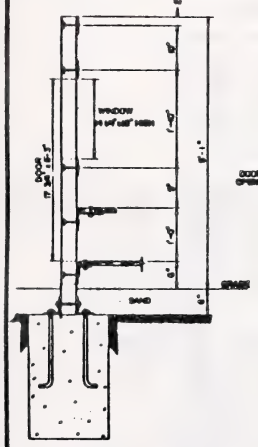
Revisions CKD

Edmonton Parks and Recreation

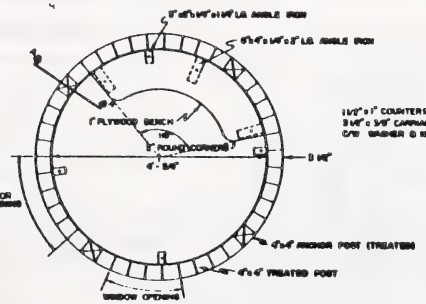
LOG CABIN

Drawn: BD	Head of Design:
Design:	Director:
Checked:	Superintendent:

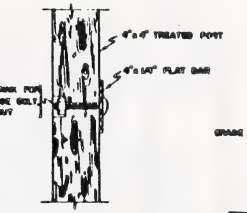
Date: SEPT 1970	Drawing No. SD 147
Scale: 1" = 1'-0"	
File No.	



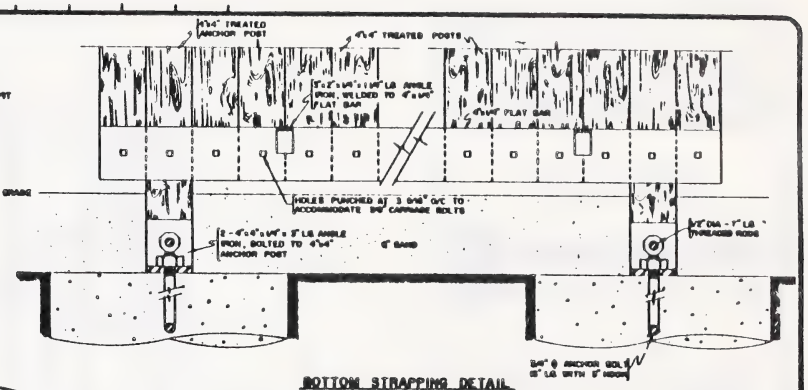
DETAIL A-A
SCALE: 1"=1'-0"



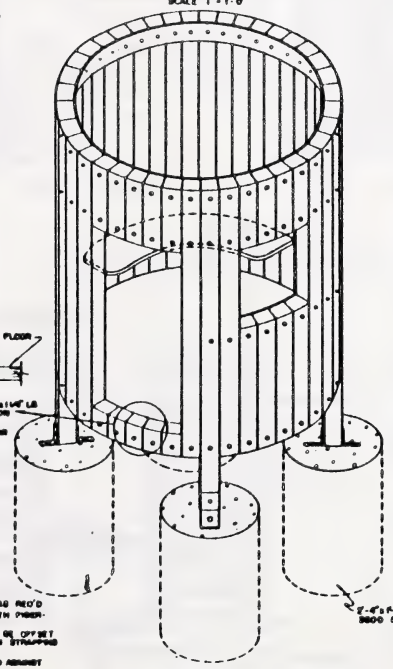
TOP VIEW
SCALE: 1"=1'-0"



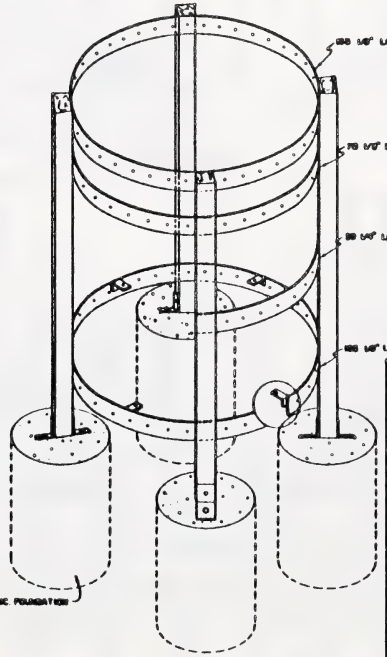
TYPICAL FLAT BAR DETAIL
SCALE: 3"=1'-0"



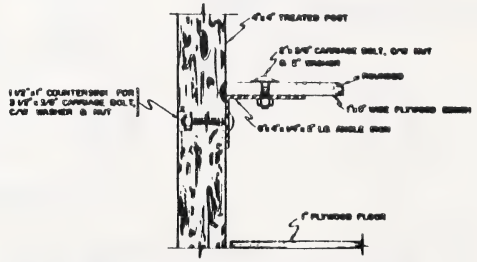
BOTTOM STRAPPING DETAIL
SCALE: 3"=1'-0"



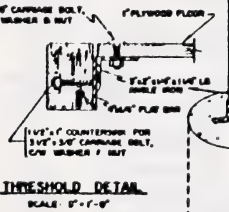
ISOMETRIC VIEW
SCALE: 1"=1'-0"



ISOMETRIC VIEW OF IRON STRAPPING
SCALE: 1"=1'-0"



BENCH SUPPORT DETAIL
SCALE: 3"=1'-0"



THRESHOLD DETAIL
SCALE: 3"=1'-0"

NOTE
1. WOOD TO BE TREATED AND STAINED AS REQ'D.
2. ALL COUNTERSINKS TO BE FILLED WITH FIBERGLASS RESIN
3. ALL FLOOR SUPPORT ANGLE IRON TO BE OFFSET FROM CARRIAGE BOLTS (SEE BOTTOM STRAPPING DETAIL)
4. ALL STEEL BRACKETS TO BE TREATED AGAINST RUST
5. ALL EXPOSED EDGES TO BE BEVELLED

MATERIAL LIST

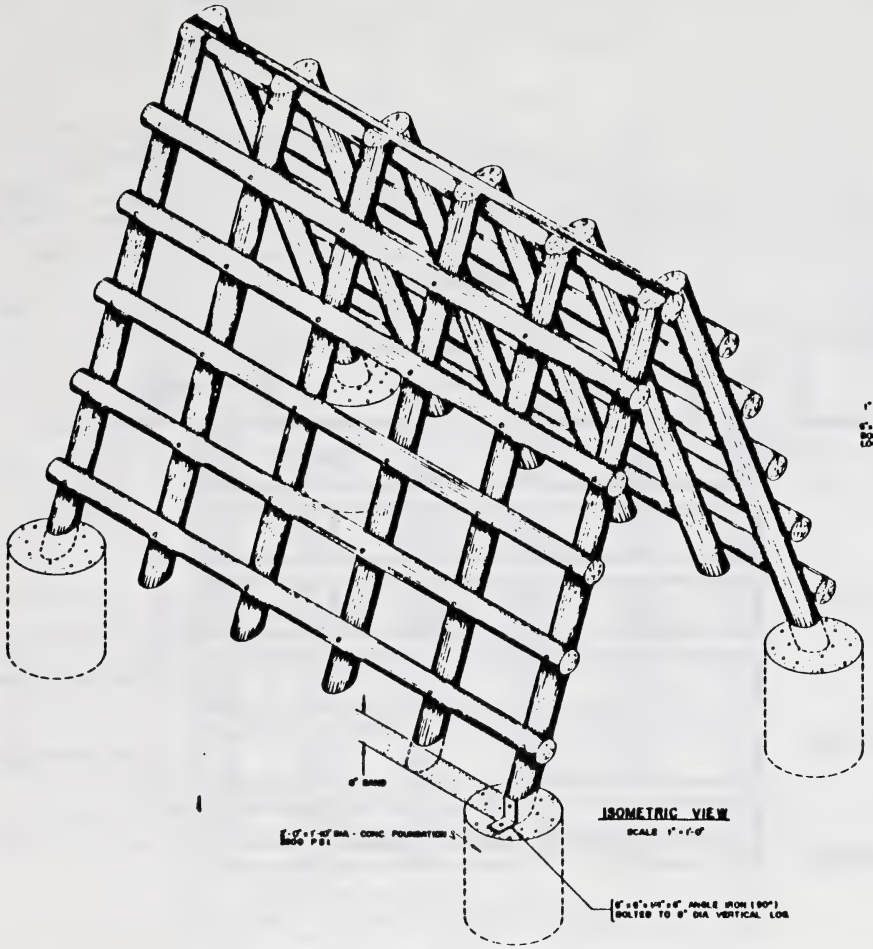
AMT	DESCRIPTION	SIZE
6	6"x6" ANCHOR POSTS	8'-7" LG
20	6"x6" POSTS (TREATED)	8'-0" LG
1	1" PLYWOOD (FLOOR)	4'x8'
1	1" PLYWOOD (BENCH)	2'-6"x1'-6"
152	CARRIAGE BOLTS C/W WASHER & NUTS	3/8" DIA - 3 1/2" LG
7	CARRIAGE BOLTS C/W WASHER & NUTS	3/8" DIA - 5" LG
12	WASHERS	2" DIA
4	ANGLE IRON (FLOOR)	3"x2"x1/4"x1'-1" LG
8	ANGLE IRON (BENCH)	4"x4"x1/4"x 2" LG
8	ANGLE IRON (BASE SUPPORT)	4"x4"x1/4"x 2" LG
6	ANCHOR BOLTS C/W WASHER & NUTS	3/4" DIA-18" LG WITH 3" HOOK
4	THREADED RODS	1/2" DIA - 7" LG
8	FLAT BAR	4"x 1/4" x 69.3 1/4" LG
1	FLAT BAR	4"x 1/4" x 79 1/2" LG
1	FLAT BAR	4"x 1/4" x 30 1/4" LG
1	CONCRETE - 3500 P.S.I.	1'-6"x 2'-6" DEEP
	FIBERGLASS RESIN	

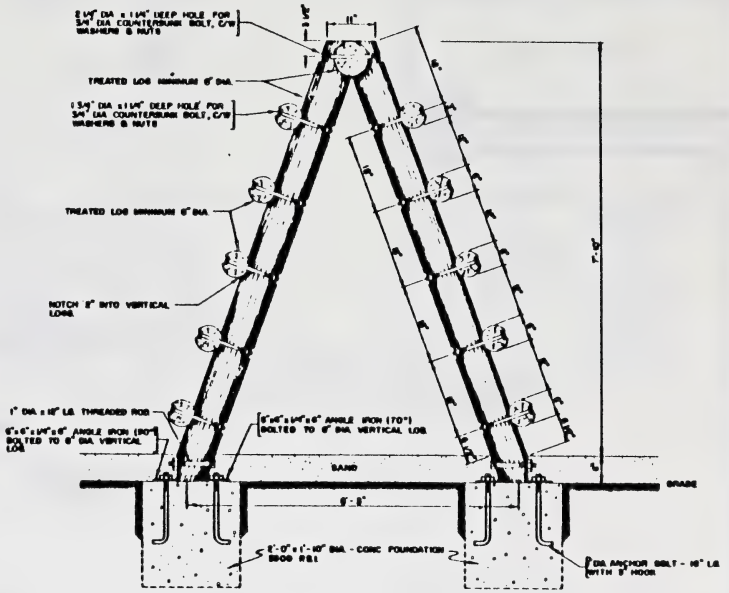
Revisions CKD

Edmonton Parks and Recreation

PRESCHOOL ROUNDHOUSE

Drawn: R. ENCHUK	Head of Design:	Date: DEC., 1975	Drawing No.: SD
Design:	Director:	Scale: AS SHOWN	
Checked:	Superintendent:	File No.	





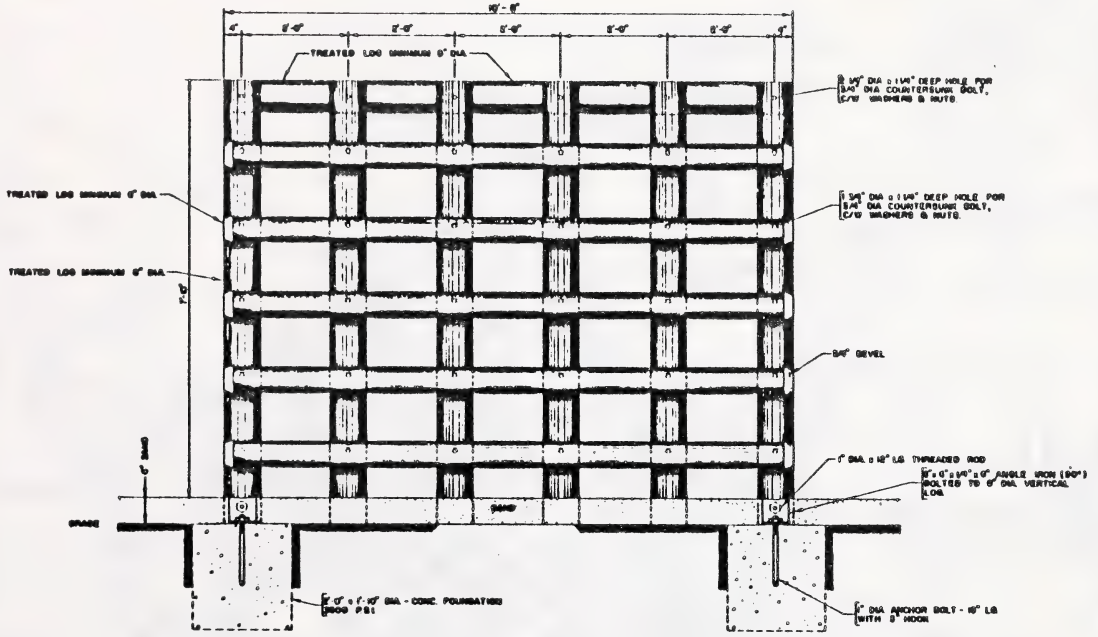
Revisions CKD

Edmonton Parks and Recreation

LOG CLIMB

Drawn	Head of Design
R EWCHUK	
Design	Director
Checked	Superintendent

Date	Drawing No.
FEB 1978	SD
Scale	181
AS SHOWN	
File No.	


10'-0"
6"
2'-0"
2'-0"
2'-0"
2'-0"
2'-0"
6"
TREATED LOG MINIMUM 8" DIA.
TREATED LOG MINIMUM 8" DIA.
TREATED LOG MINIMUM 8" DIA.
3/4" DIA x 1 1/4" DEEP HOLE FOR 3/4" DIA COUNTERSUNK BOLT, C/W WASHERS & NUTS.
3/4" DIA x 1 1/4" DEEP HOLE FOR 3/4" DIA COUNTERSUNK BOLT, C/W WASHERS & NUTS.
3/4" BEVEL
1" DIA x 10" LG THREADED ROD
6" x 6" x 3/8" x 6" ANGLE IRON (90°) BOLTED TO 8" DIA VERTICAL LOG
SAND
GRADE
6'-0" x 1'-10" DIA - CONC. FOUNDATION 3000 PSI
1" DIA ANCHOR BOLT - 10" LG WITH 3" HOOK

SIDE VIEW
SCALE: 1" = 1'-0"

MATERIAL LIST

AMT	DESCRIPTION	SIZE
10	8" DIA LOGS - TREATED AND STAINED AS REQUIRED	APPROX 8'-1" LG
1	8" DIA LOG - TREATED AND STAINED AS REQUIRED	10'-0" LG.
10	8" DIA LOGS - TREATED AND STAINED AS REQUIRED	10'-0" LG.
8	ANGLE IRON (BASE SUPPORT)	6" x 6" x 3/8" x 6" LG.
8	ANCHOR BOLTS C/W WASHERS & NUTS	1" DIA - 10" LG. WITH 3" HOOK
88	THREADED RODS C/W WASHERS & NUTS	3/4" DIA x 15" LG.
4	THREADED RODS C/W WASHERS & NUTS, (BASE SUPPORT)	1" DIA x 10" LG.
8	RODS - THREADED AT BOTH ENDS C/W WASHERS & NUTS	3/4" DIA x 15" LG.
	CONCRETE - 3000 PSI	1'-10" x 6'-0" DEEP
	FIBERGLASS REBAR	

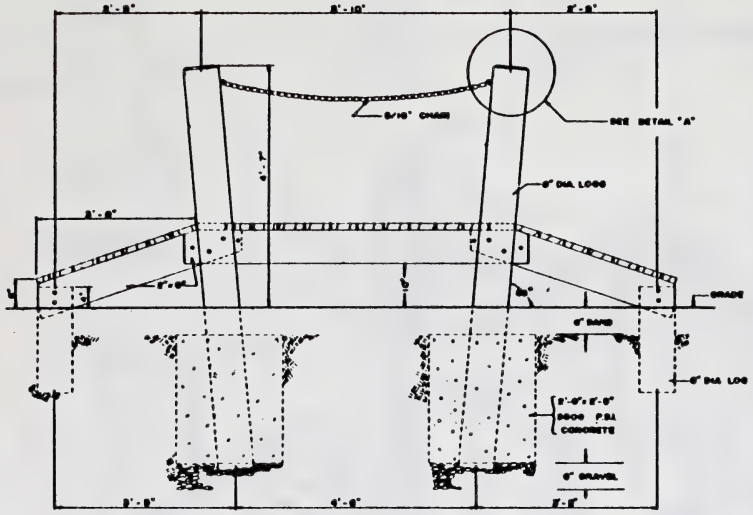
NOTE:
1. ALL LOGS TO BE TREATED & STAINED AS REQUIRED
2. ALL COUNTERSINKS TO BE FILLED WITH FIBERGLASS REBAR
3. ALL STEEL ANGLE IRON TO BE TREATED AGAINST RUST
4. ALL EXPOSED EDGES TO BE BEVELLED.

Revisions CKD

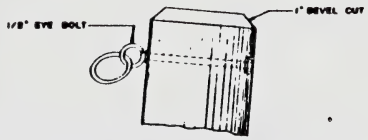
Edmonton Parks and Recreation

LOG CLIMB

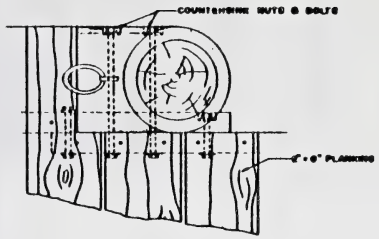
Drawn: R. EWCHUK	Head of Design:	Date: FEB., 1975	Drawing No. SD 168
Design	Director	Scale: AS SHOWN	
Checked: Bryce Cook	Superintendent	File No.	



SIDE VIEW
SCALE: 1" = 1'-0"



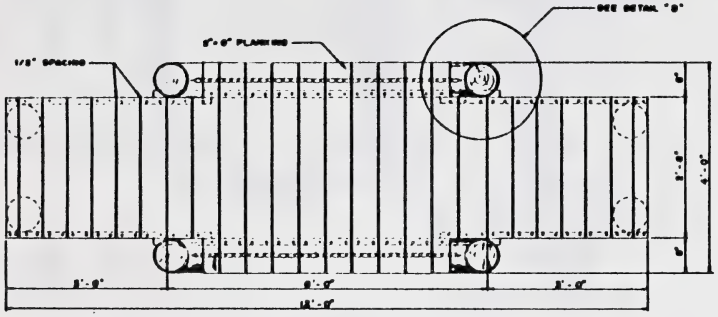
DETAIL "A"
SCALE: 6" = 1'-0"



DETAIL "B"
SCALE: 6" = 1'-0"

ALL WOOD TO BE PRESERVED & STAINED AS REQUIRED.

QUANTITY	DESCRIPTION	SIZE
4	LOGS	9'-0" x 6" DIA
4	LOGS	8'-0" x 6" DIA
8	JOISTS	8'-0" x 8"x6"
8	RAMP JOISTS	4'-1" x 8"x6"
10	DECK PLANKS	4'-0" x 6"x6"
14	DECK PLANKS	8'-0" x 6"x6"
4	EYE BOLTS	1/2" x 8" C/W NUTS & WASHERS
8	BOLTS	1/2" x 6" C/W NUTS & WASHERS
8	BOLTS	1/2" x 10" C/W NUTS & WASHERS
2	CHAINS	5/16" x 8'-0"



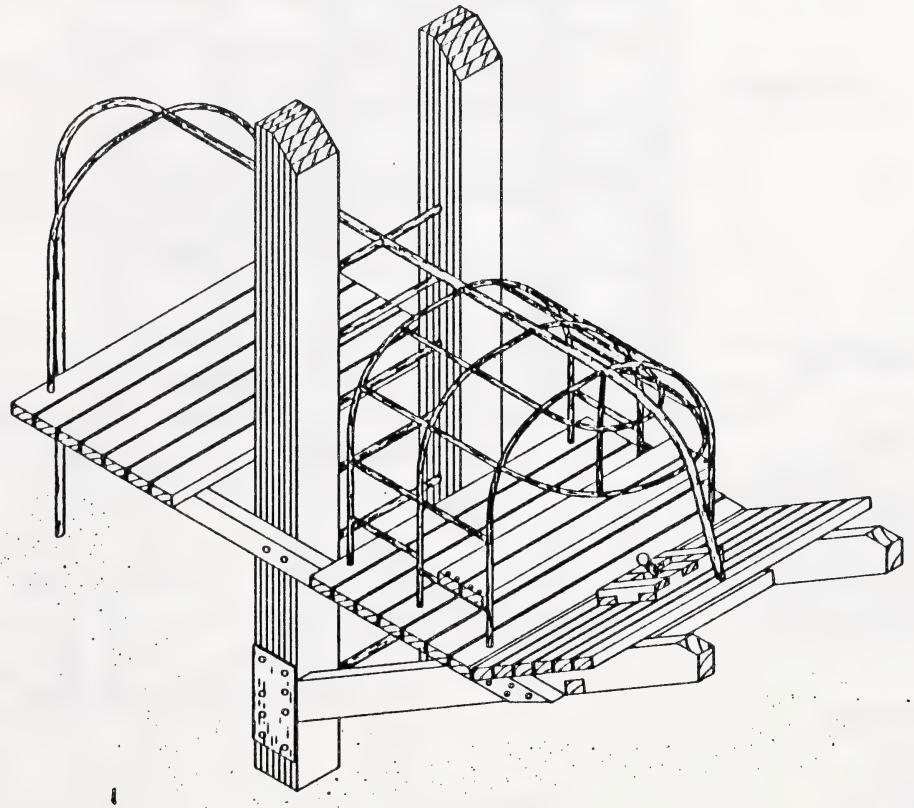
TOP VIEW
SCALE: 1" = 1'-0"

Revisions CKD

Edmonton Parks and Recreation

MINI BRIDGE

Drawn U.R.C.	Head of Design	Date JUNE 17/78	Drawing No. SD 153
Design	Director	Scale AS SHOWN	
Checked	Superintendent	File No.	



ISOMETRIC VIEW

MATERIALS LIST

NO	DESCRIPTION	SIZE
2	GLULAM BEAMS	10 1/8" X 10 3/4" X 16'-0"
2	TIMBERS	4 X 6 X 11'-8 1/2"
3	DECKING SUPPORTS	4 X 6 X 11'-8 1/2"
1	GEAR SHAFT SUPPORT PLANK	4 X 6 X 4'-0"
20	DECKING PLANKS	2 X 6 X 8'-0"
2	METAL FASTENING PLATES	10 1/8" X 1'-8" X 1/4" THICK
2	BENCH PLANKS	2 X 6 X 8'-0"
1	GEAR BOX	4 X 4 X 1'-8 1/2"
1	CHROME BALL	2 1/2" DIA
1	THREADED ANGLE BOLT	8" X 6" X 1/2" THICK C/W NUTS & WASHERS
1	GEAR SHAFT ATTACHMENT	1 3/4" X 2 1/2" X 11'-6"
	2" PIPE	180°
	1 1/4" PIPE	180°
	THREADED CARRIAGE BOLTS	
14	CAGE TO DECKING BOLTS	5" X 1/2" Ø
12	DECK SUPPORTS TO TIMBER BOLTS	7" X 3/8" Ø
10	GLULAM TO PLATE BOLTS	11" X 3/4" Ø
6	GEAR BOX CONNECTION BOLTS	2 1/2" X 3/8" Ø
8	BENCH BOLTS	4" X 1/2" Ø
	THREADED MACHINE BOLTS	
4	GLULAM TO DECK SUPPORTS	1'-1 3/4" X 1" Ø
	ALL THE ABOVE C/W NUTS & WASHERS	

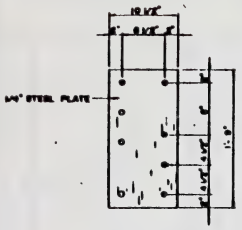
NOTES: ALL WOOD TO BE STAINED & PRESERVED AS REQ'D

Revisions CKD

Edmonton Parks and Recreation

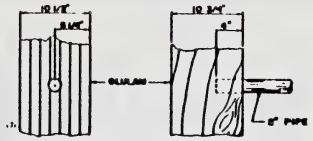
ASTRO CRUISER

Drawn	Head of Design	Date	Drawing No.
D R C		JULY 17/78	SD 154
Design	Director	Scale 1" = 1'-0"	
Checked	Supervisor	File No.	



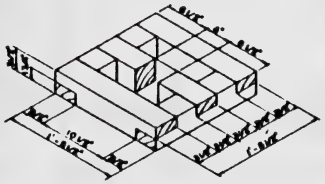
FASTENING PLATE

SCALE : 1 1/8" = 1'-0"



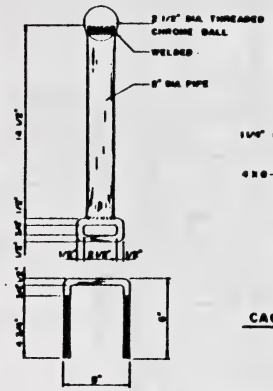
DETAIL 'A'

SCALE : 1 1/8" = 1'-0"



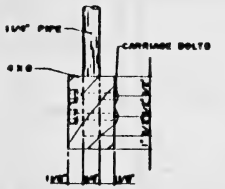
GEAR BOX DETAIL

SCALE : 1 1/8" = 1'-0"



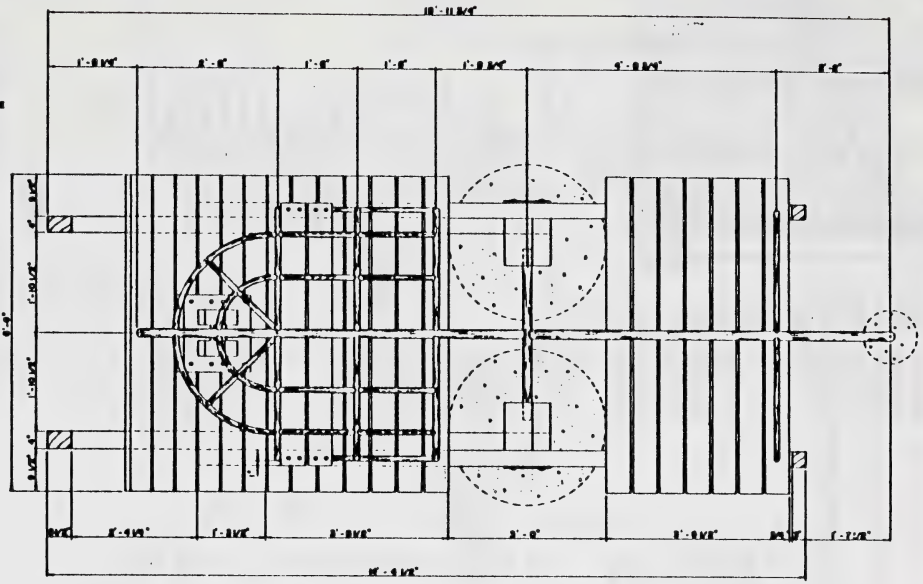
GEAR SHIFT CONNECTION DETAIL

SCALE : 3" = 1'-0"



CAGE ANCHORING DETAIL

SCALE : 3" = 1'-0"



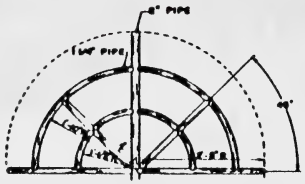
PLAN VIEW

SCALE : 1" = 1'-0"

TYPICAL COUNTERSUNK BOLT DETAIL

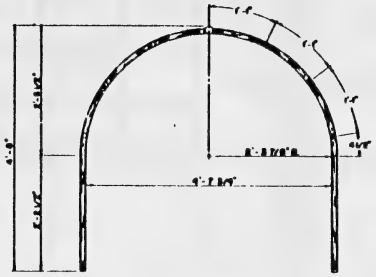
@ GEAR SHIFT CONNECTION

SCALE : 3" = 1'-0"



FRONT & TOP CAGE VIEW

SCALE : 1" = 1'-0"



CAGE X - SECTION

SCALE : 1" = 1'-0"

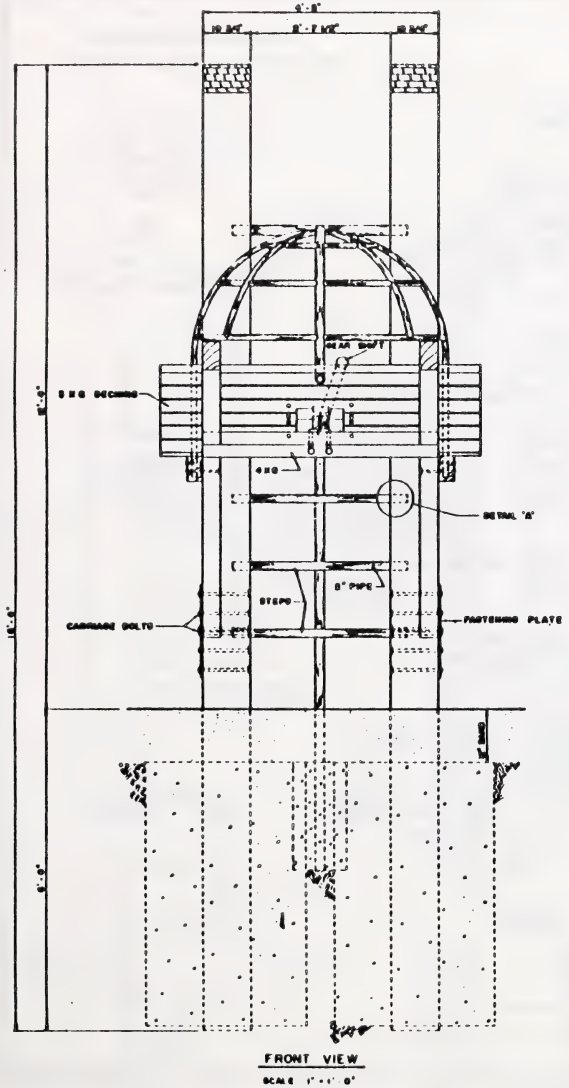
Revisions CKD

Edmonton Parks and Recreation

ASTRO CRUISER

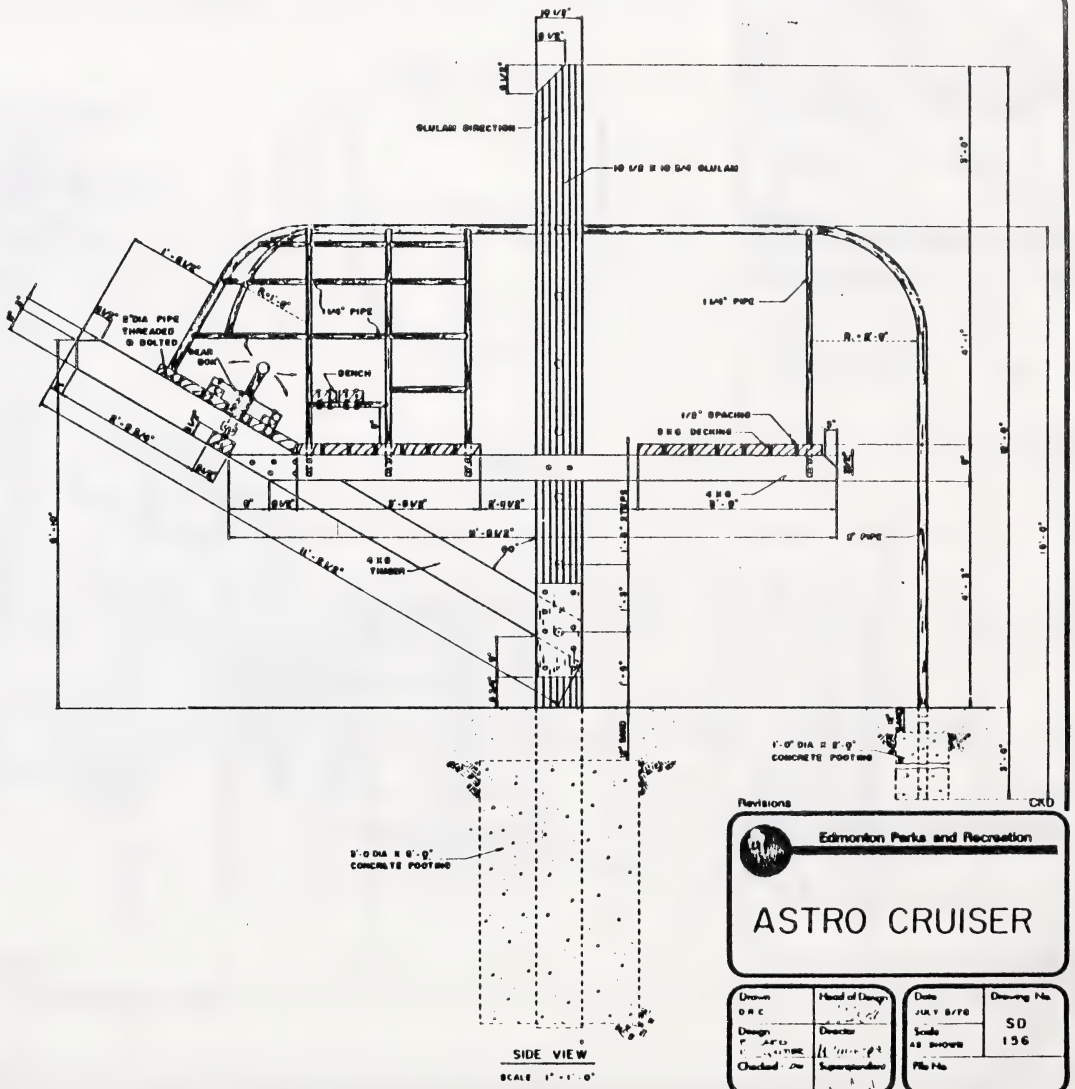
Drawn	Head of Design
D R C	
Design	Director
Checked	Superintendent

Date	Drawing No.
JULY 8/76	SD 188
Scale	
AS SHOWN	
File No.	



FRONT VIEW

SCALE 1"=1'-0"



SIDE VIEW

SCALE 1"=1'-0"

Revisions

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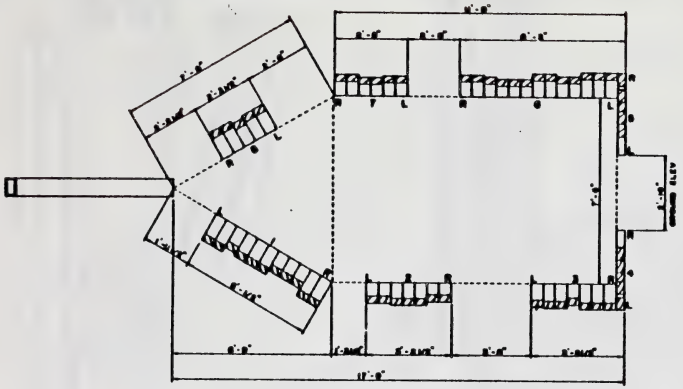
Edmonton Parks and Recreation

ASTRO CRUISER

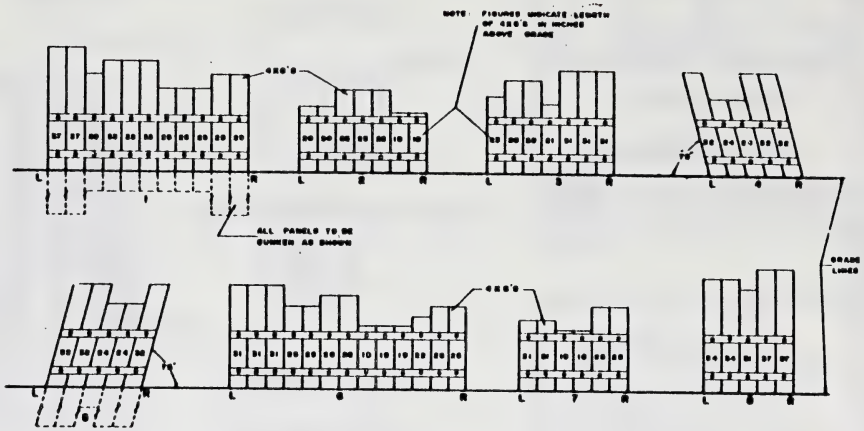
Drawn	Head of Design
D R C	
Design	Director
Checked	Superintendent

Date	Drawing No.
JULY 8/76	SD 156
Scale AS SHOWN	
File No.	



TOP VIEW

SCALE: 1/8" = 1'-0"

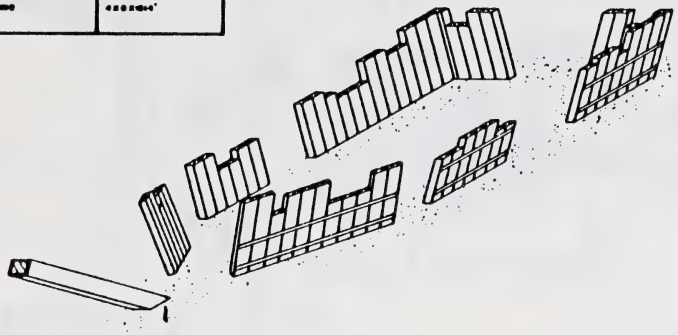


SIDE VIEWS

SCALE: 3/4" = 1'-0"

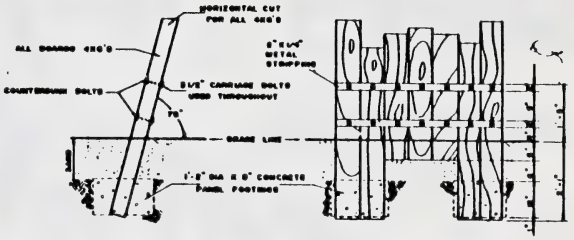
MATERIALS LIST

NO	DESCRIPTION	SIZE
	METAL STRIPPING	6" X 100'-0"
	CARRIAGE BOLTS	5/8" X 1/2" C/W WASHER & NUTS
	TIMBER	6" X 6" X 10' LONG
	PANEL PLANKING	4" X 6" X 4"



ISOMETRIC VIEW

SCALE: 1/8" = 1'-0"

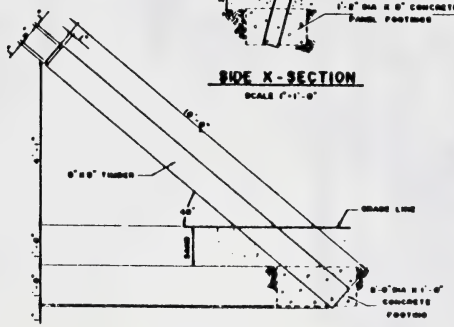


SIDE X-SECTION

SCALE: 1" = 1'-0"

STRIPPING DETAIL

SCALE: 1" = 1'-0"



BOW DETAIL

SCALE: 3/4" = 1'-0"

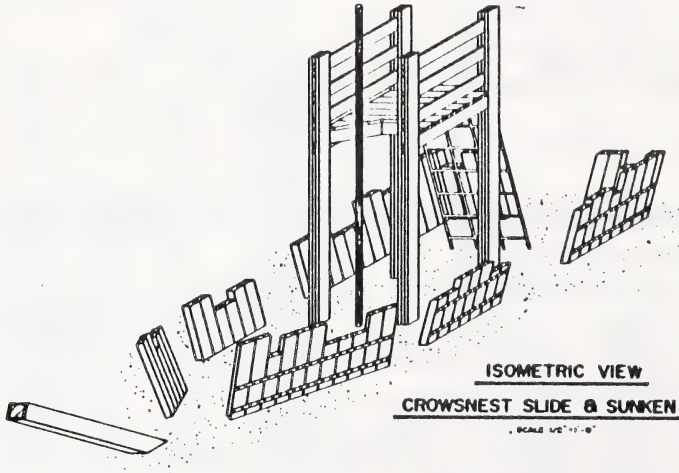
Revisions

CKD

Edmonton Parks and Recreation

SUNKEN SHIP

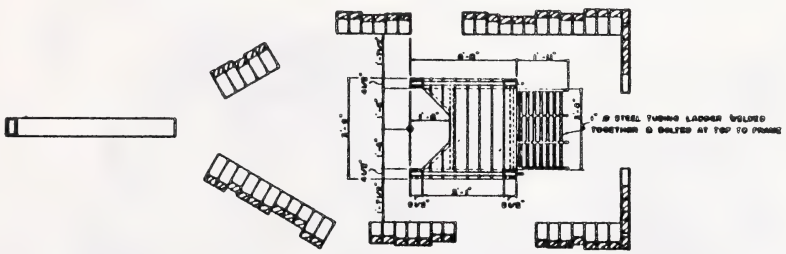
Drawn: G.R.C.	Head of Design:	Date: JULY 20/79	Drawing No.: SD 157
Design:	Director:	Scale: AS SHOWN	
Checked:	Superintendent:	File No:	



ISOMETRIC VIEW

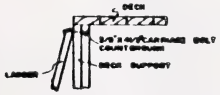
CROWSNEST SLIDE & SUNKEN SHIP

SCALE 1/8"=1'-0"



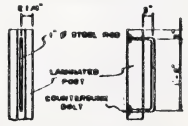
PLAN VIEW

SCALE 1/8"=1'-0"



IRON LADDER TO DECK CONNECTION

NTS

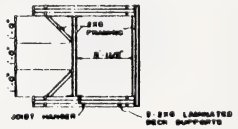


HANDRAIL DETAIL

NTS

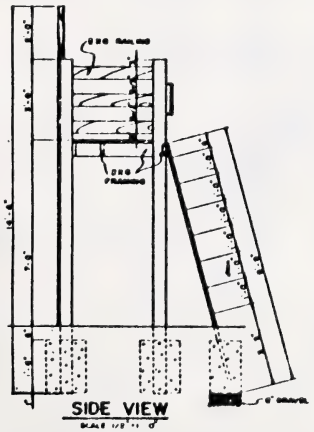
BOLT SPACING-LADDER TO DECK

SCALE 1/8"=1'-0"



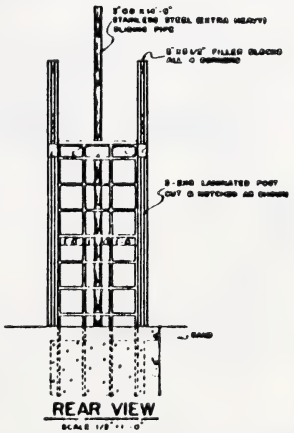
DECK SUPPORT

SCALE 1/8"=1'-0"



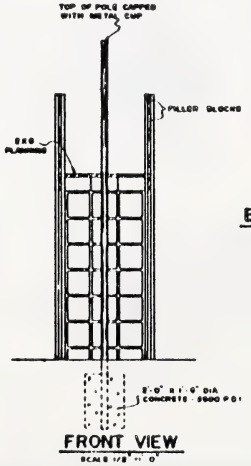
SIDE VIEW

SCALE 1/8"=1'-0"



REAR VIEW

SCALE 1/8"=1'-0"



FRONT VIEW

SCALE 1/8"=1'-0"

LIST OF MATERIALS

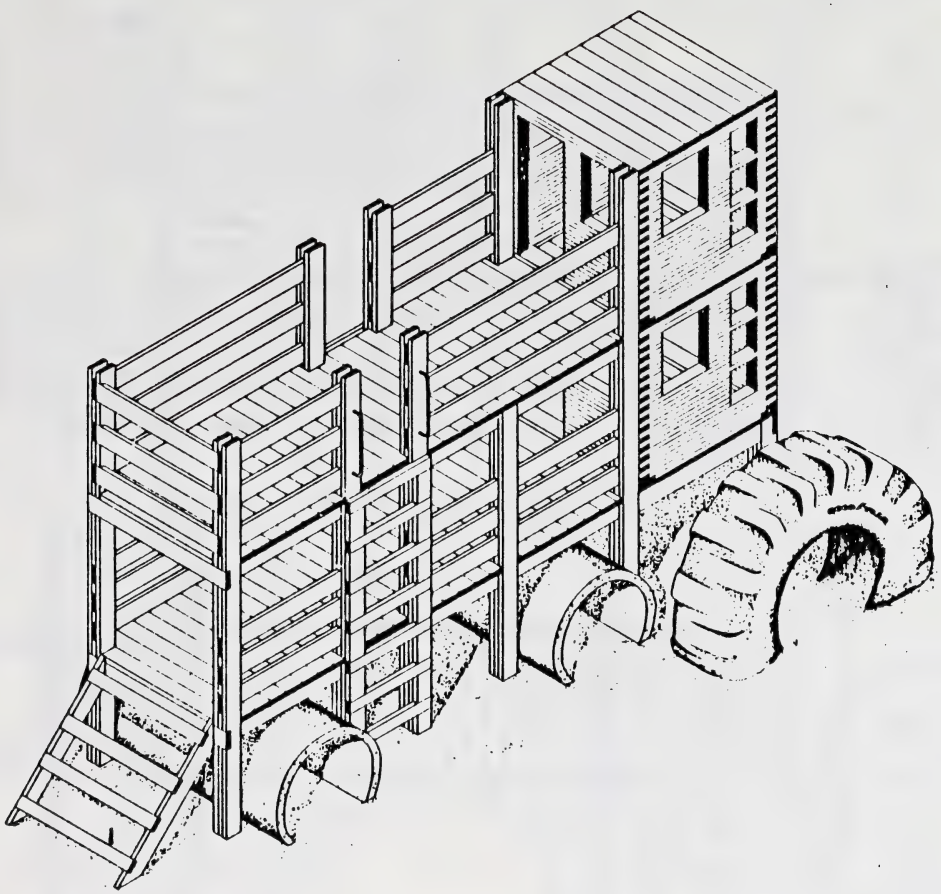
NO	DESCRIPTION	SIZE
4	LAMINATED POSTS (S-2NG'S AS PER DETAILS)	6 1/8" X 8 1/8" X 16'-0"
100'	STEEL TUBING FOR LADDER	1" DIA
56'	PLANKING, SUPPORTS & RAILS	2 X 8
1	STAINLESS STEEL PIPE & CAPS	8"OD DIA X 10'-0"
2	JOIST HANGERS	
4	CARRIAGE BOLTS C/W NUTS & WASHERS	5/8" DIA
2	HANDRAILS	1" DIA STEEL
2	LAMINATED BEAMS DECK SUPPORTS AS PER DETAILS (S-2NG'S)	6 1/8" X 8 1/8" X 8'-10"
6	FILLER BLOCKS	2X6'S

Revisions CKD

Edmonton Parks and Recreation

CROWSNEST SLIDE & SUNKEN SHIP

Drawn: DRC	Head of Design:	Date: JUNE 20/77	Drawing No.: SD-158
Design: fg	Director:	Scale: AS SHOWN	
Checked:	Superintendent:	File No.:	



Revisions CKD

Edmonton Parks and Recreation

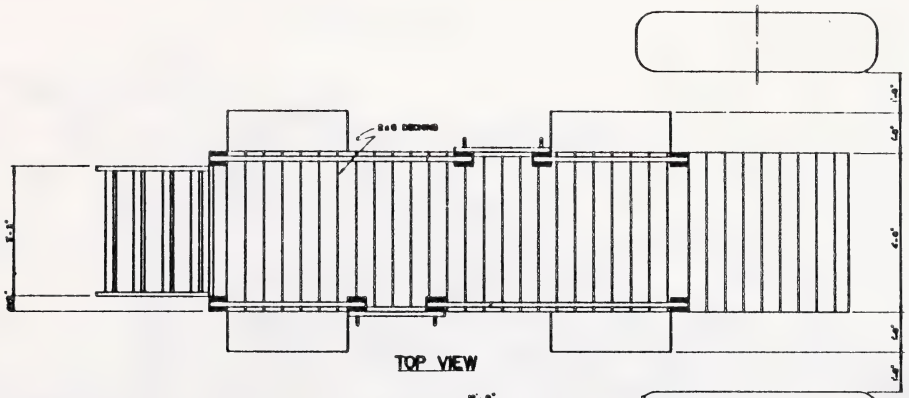
TRACTOR - TRAIN

Drawn	Head of Design	Date	Drawing No.
Design	Director	Scale	SD
Checked	Superintendent	File No.	

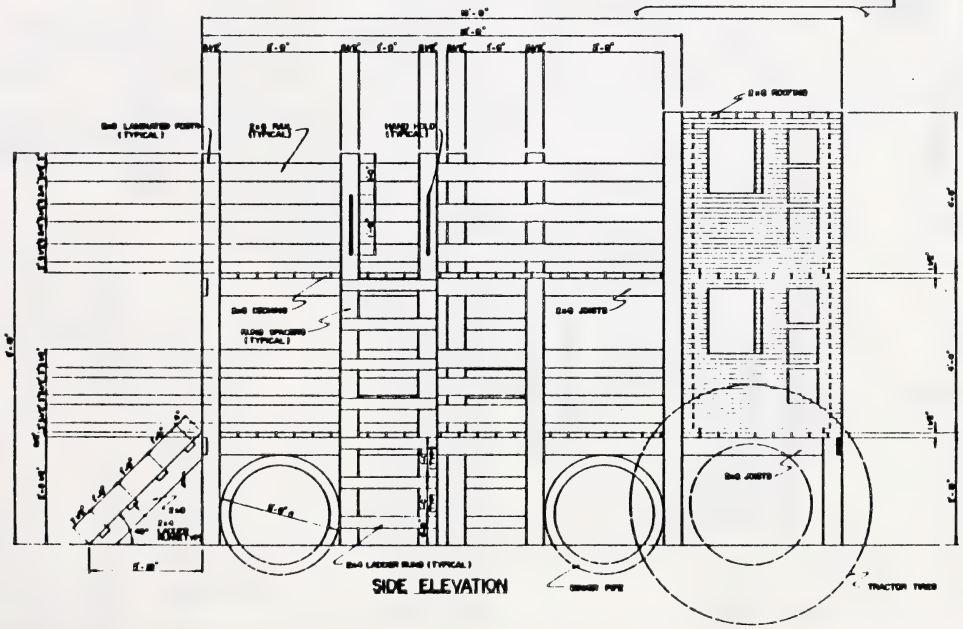
MATERIAL LIST

QTY	DESCRIPTION			
4	1"ø STEEL HAND HOLD c/w NUTS, WASHERS			
2	LARGE TRACTOR TIRES			
2	2'-6" O.D. SEWER PIPES (min. 2'-0" OD)			
6	12'-4" LG. LAMINATED POSTS (2 x 8's)			
2	9'-2 1/2" LG.	○	○	○
2	13'-4" LG.	○	○	○
2	5'-2 1/2" LG.	○	○	○
2	15'-10 1/2" LG.	JOIST		○
2	11'-10 1/2" LG.	○		○
3	3'-9 1/2" LG.	RAILING		○
9	3'-11" LG.	○		○
3	6'-9 1/2" LG.	○		○
9	6'-7" LG.	○		○
3	3'-8" LG.	○		○
66	4'-0" LG.	PLANKS		○
88	0'-8 1/2" LG.	RUNG SPACERS		○
14	2'-5" LG.	LADDER RUNGS		(2x4's)
4	3'-3" LG.	○	○	
80	4'-0" LG.	ROOFING		(2x6's)
2	4'-0" LG.	○		(2x4's)
4	3'-1" LG.	○		(2x6's)

1666 LIN. FT. OF 2x4's FOR CUBES



TOP VIEW



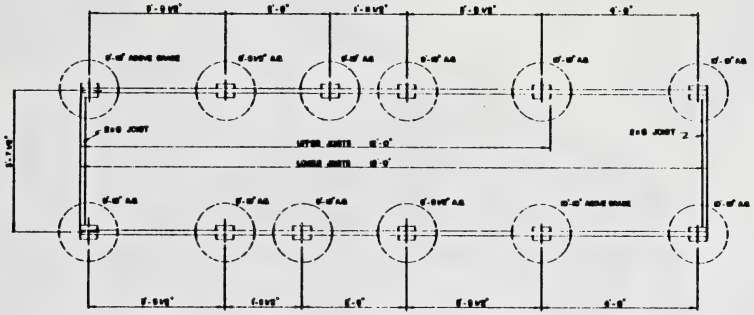
SIDE ELEVATION

Revisions CKD

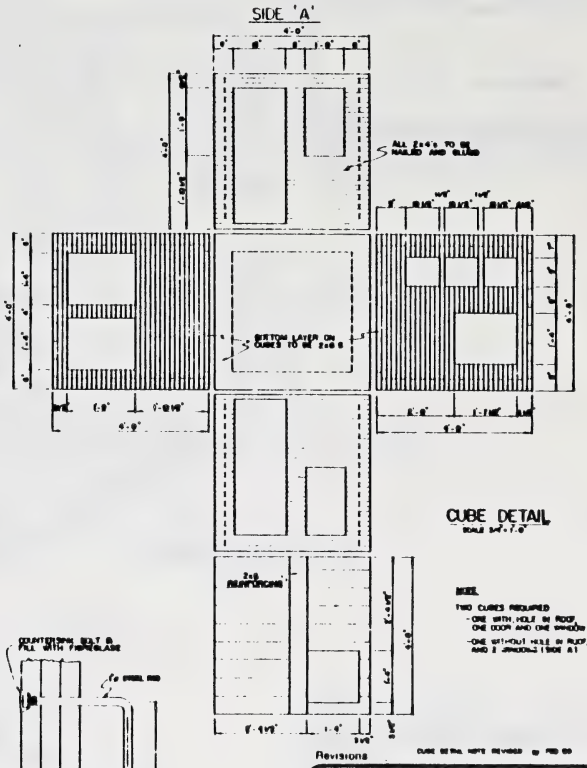
Edmonton Parks and Recreation

TRACTOR-TRAIN

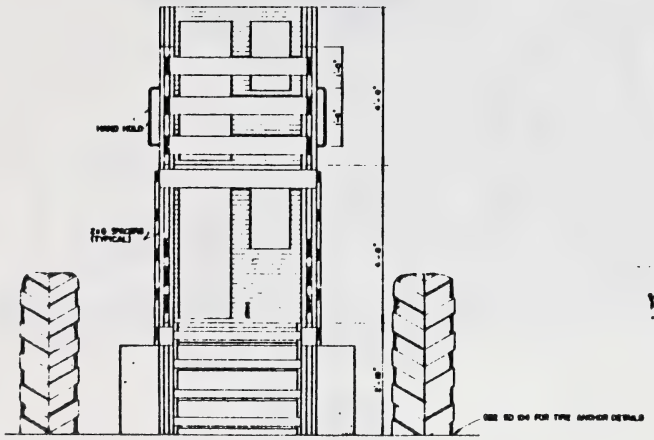
Drawn	Head of Design	Date	Drawing No.
Design	Director	Scale	SD
Checked	Superintendent	File No.	



POST AND JOIST DETAIL

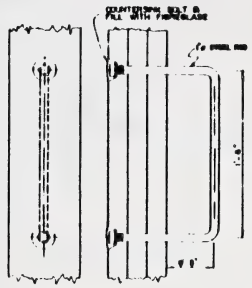


CUBE DETAIL



FRONT ELEVATION

FOOTING DETAIL



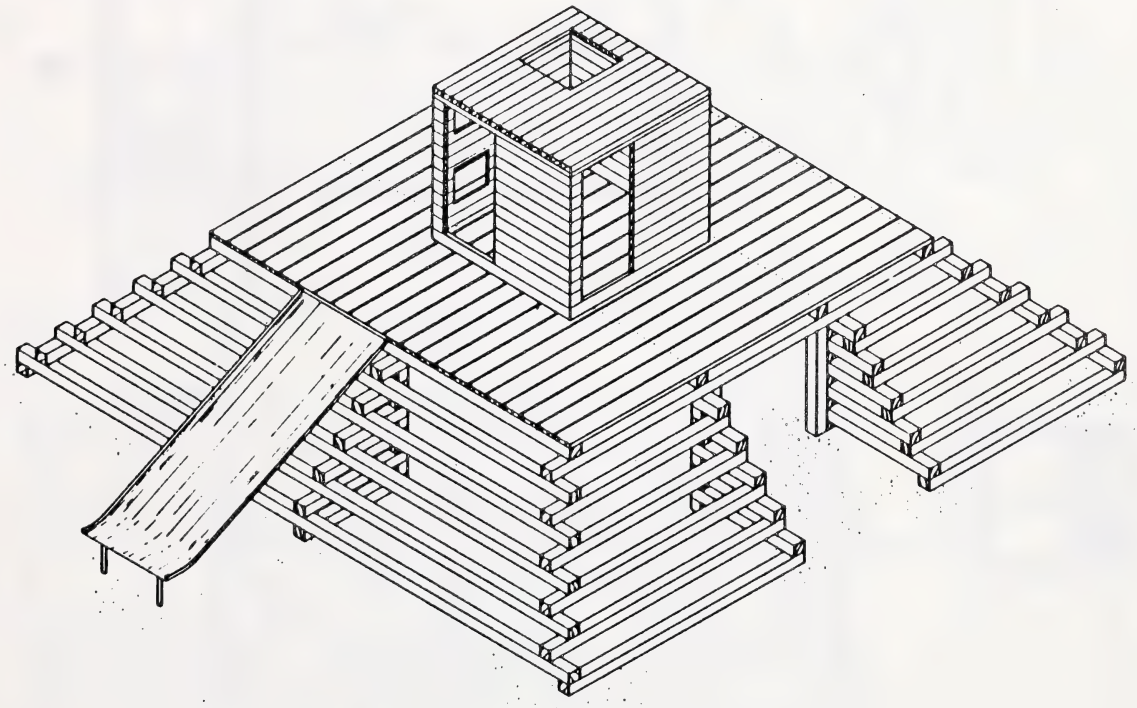
HAND HOLD DETAIL

Edmonton Parks and Recreation

TRACTOR - TRAIN

Drawn		Head of Design	
Design		Director	
Checked		Superintendent	

Date	Drawing No.
Scale	SD
File No.	



MATERIALS LIST

NO	DESCRIPTION	SIZE
600	#2 SPRUCE	2"x6" X 8'-0"
11	ANCHORING BOLTS	3/8" DIA X 10"LONG
178	BOLTS - C/W NUTS & WASHERS	3/8" DIA X 6 1/2"
126	BOLTS - C/W NUTS & WASHERS	3/8" DIA X 10"
81	DECK PLANKING - 2"x6" S	1"x6" X 6'-0" & 8'-0"
1	BIG CITY CUBE BOX (SB106 B)	
1	JUNIOR GLIDE SET	

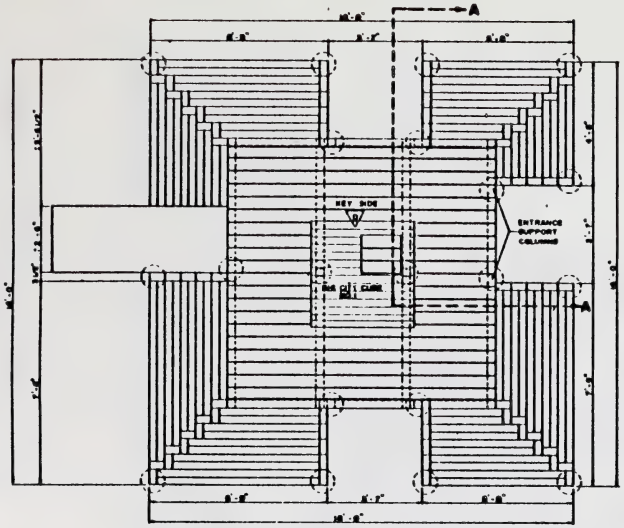
Revisions CKD

Edmonton Parks and Recreation

WOOD PYRAMID

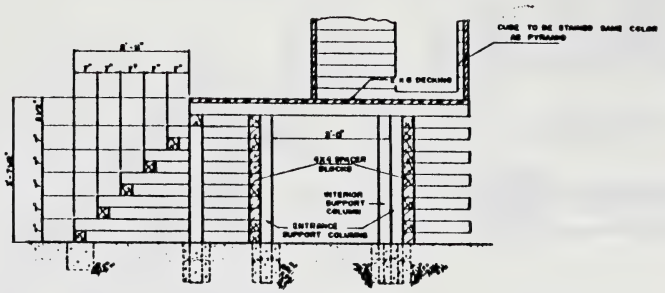
Drawn	Head of Design
D.R.C.	
Design	Director
Checked	Superintendent

Date	Drawing No.
AUG 30/77	SD 162
Scale 3/4"=1'-0"	
File No.	



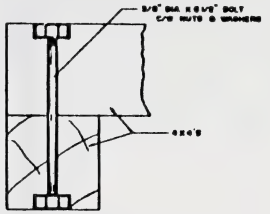
TOP VIEW

SCALE 1/8"=1'-0"



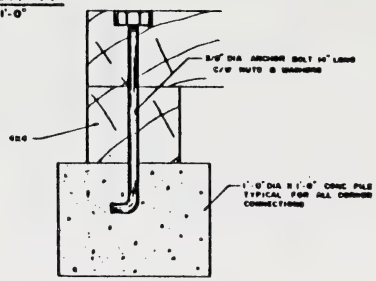
X-SECTION A

SCALE 3/4"=1'-0"



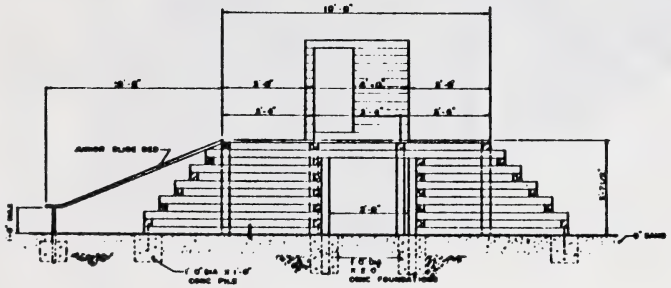
CONNECTION DETAIL

SCALE 1 1/2"=1"



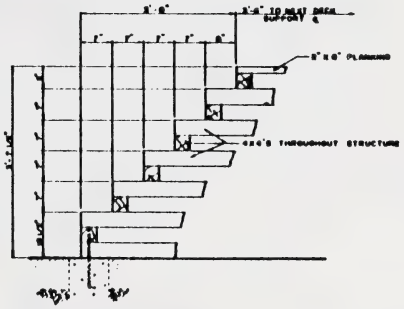
ANCHORING DETAIL

SCALE 1 1/2"=1"



SIDE VIEW

SCALE 1/8"=1'-0"



CORNER DETAIL

SCALE 1"=1'-0"

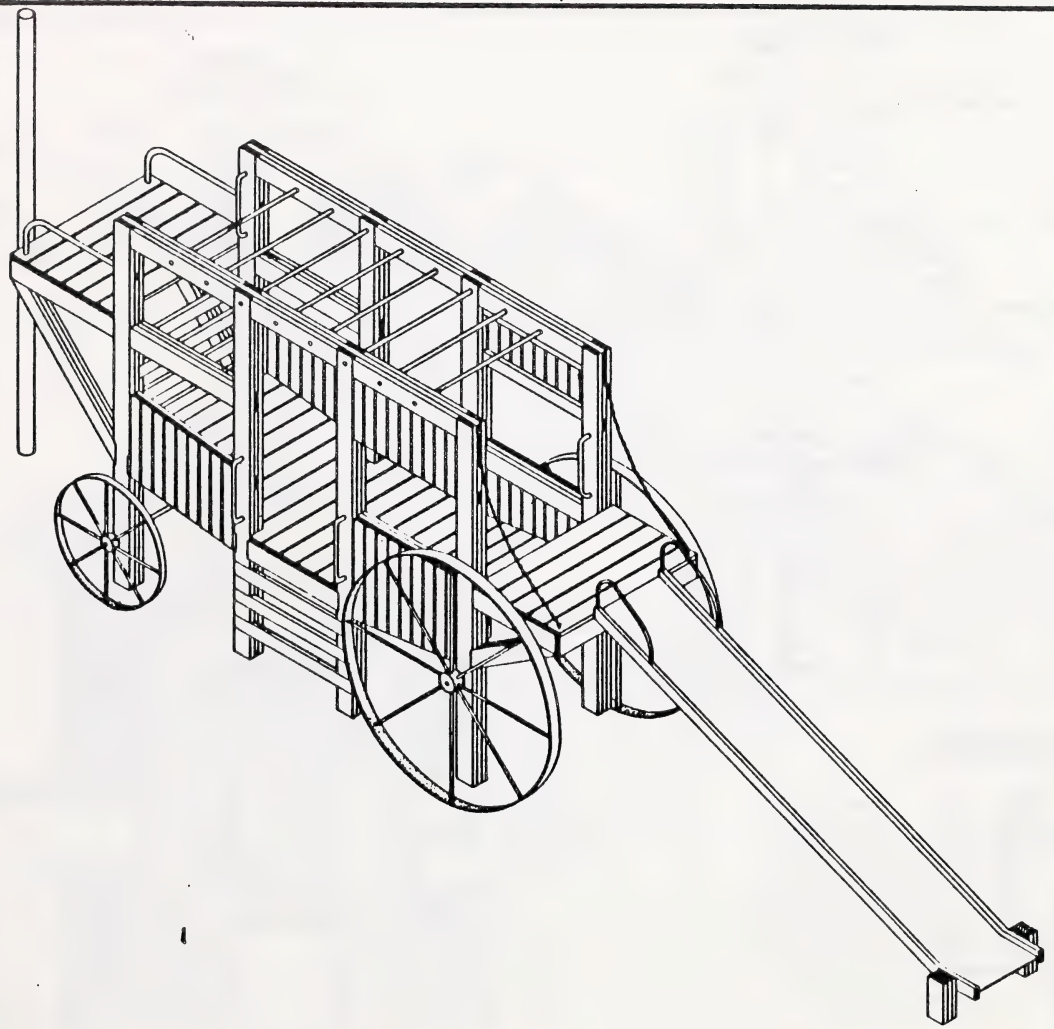
Revisions CKD

Edmonton Parks and Recreation

WOOD PYRAMID

Drawn	Head of Dept.
D R C	
Design	Director
Checked	Superintendent

Date	Drawing No.
AUG 25/77	SD 162A
Scale	
AS SHOWN	
File No.	



LIST OF MATERIALS

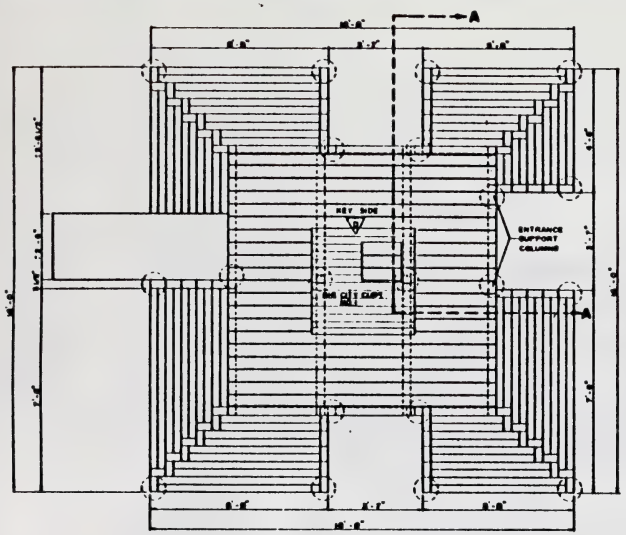
QUANTITY	DESCRIPTION	SIZE
4	LAMINATED POSTS	2 3/8" X 11 1/2" LG.
6	STEEL PLATES	1 DIA. X 6" THICK
1	AXLE	1 DIA. X 5' LG.
1	PIPE	1 DIA. X 5' LG.
1	STEEL PLATE	1 SQUARE 10" THICK 8 KG LG.
1	STEEL PLATE	2 PLATE 10" THICK 132 LG.
1	AXLE	1 DIA. X 5' LG.
1	HUBS	2 DIA. X 5' LG.
1	PIPE	1 1/4 DIA. X 10 LG.
1	PIPE	1 1/4 DIA. X 10 LG.
8	HANDRAIL STEEL ROD	1 DIA. X 5' LG.
1	STEEL PIPE	1 DIA. X 5' LG.
2	CHAINS	3/8" X 5' LG.
8	PIPE 90° STEEL PIPE	1 1/2" DIA. X 3' LG.
8	PIPE CAPS	1 1/2" DIA. X 3' LG.
8	ANCHOR BOLTS	1/2" DIA. X 3' LG.
200 LBS	2 X 6 LAMINATED POSTS BOT SECTIONS	
100 LBS	2 X 6 JUNIOR BLADE	
	CONCRETE	4' DIA. X 3' DEEP
8	1/2" DIA. BOLTS	1/2" DIA.

Revisions CKD

Edmonton Parks and Recreation

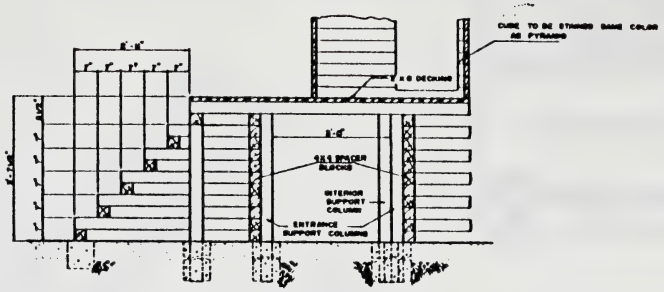
STAGECOACH

Drawn	Head of Design	Date	Drawing No.
P. OTTEW		OCT 13, 1977	SD
Design	Director	Scale	
Checked	Superintendent		
		File No.	



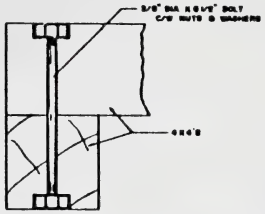
TOP VIEW

SCALE 1/8"=1'-0"



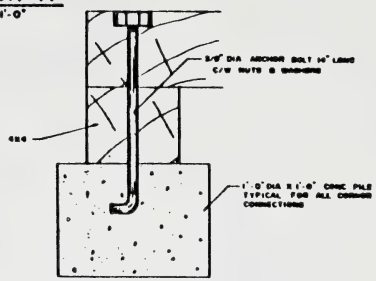
X-SECTION A

SCALE 3/4"=1'-0"



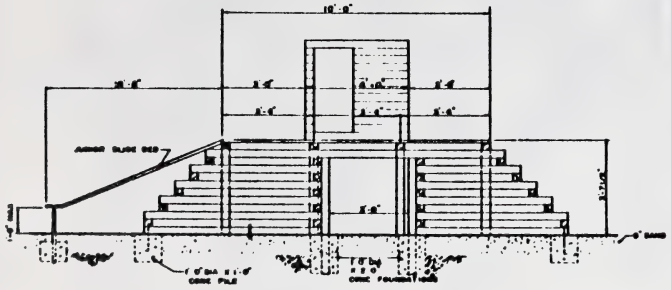
CONNECTION DETAIL

SCALE 1 1/2"=1"



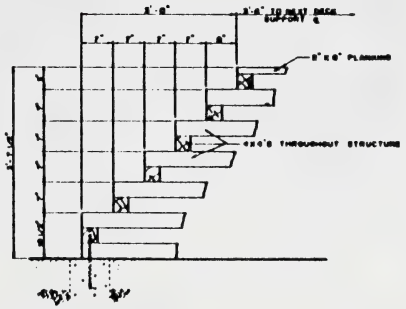
ANCHORING DETAIL

SCALE 1 1/2"=1"



SIDE VIEW

SCALE 1/2"=1'-0"



CORNER DETAIL

SCALE 1"=1'-0"

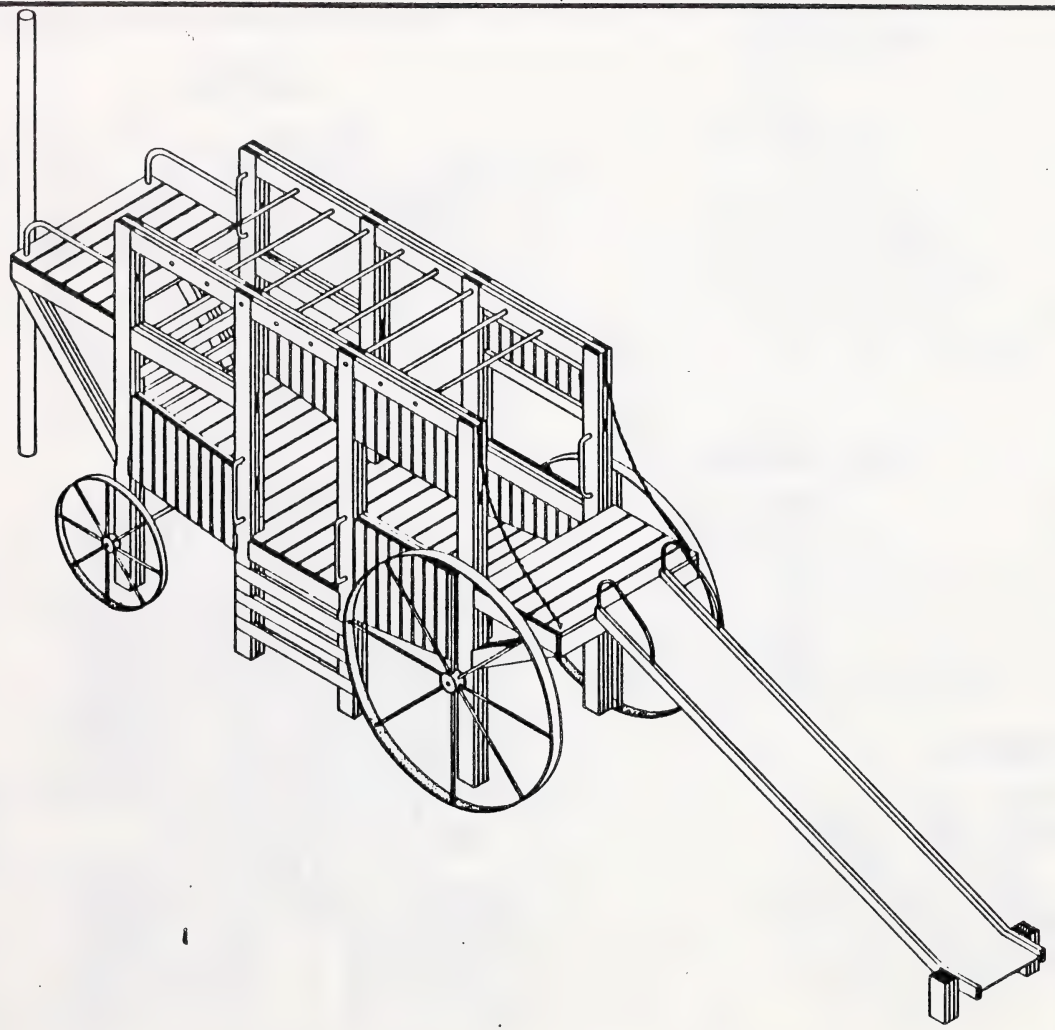
Revisions CKD

Edmonton Parks and Recreation

WOOD PYRAMID

Drawn	Head of Design
D R C	
Design	Director
Checked	Superintendent

Date	Drawing No.
AUG 25/77	SD 162A
Scale	
AS SHOWN	
File No.	



LIST OF MATERIALS

QUANTITY	DESCRIPTION	SIZE
4	LOADBEARD POSTS	2 @ 6 x 6" 14' LG.
4	STEEL PLATES	4 DIA. 1/4" THICK
	PIPE	1 DIA. 2 LG.
	PIPE	1 DIA. 2 LG.
	STEEL PLATE	1 SQUARE 3/8" THICK 8 WIDE LG.
4	STEEL PLATE	4 PLATE 3/8" THICK 8 WIDE LG.
	NUTS	4 DIA. 1 LG.
	NUTS	4 DIA. 1 LG.
	PIPE	1 1/4 DIA. 6'-0" LG.
	PIPE	1 1/4 DIA. 6'-0" LG.
8	PIPE STRAPS STEEL ROD	1 DIA. 10" LG.
1	STEEL PIPE	1 DIA. 10" LG.
2	CHAINS	3/8" - 4'-0" LG.
2	PIPE GOOSE STEEL PIPE	1 1/2 DIA. 3'-0" LG.
2	PIPE STRAPS	1 1/2 DIA. 3'-0" LG.
8	ANCHOR BOLTS	3/4" DIA. 1'-0" LG.
200 LBS	2 x 6 LABRADOR NORTH BOX SECTION	
140 LBS	2 x 6	
	JUNIOR BLADE	
	30 MPA CONCRETE	4 DIA. 3'-0" DEEP
8	1/2" MPA BOLTS	1/2" DIA. 1'-0" LG.

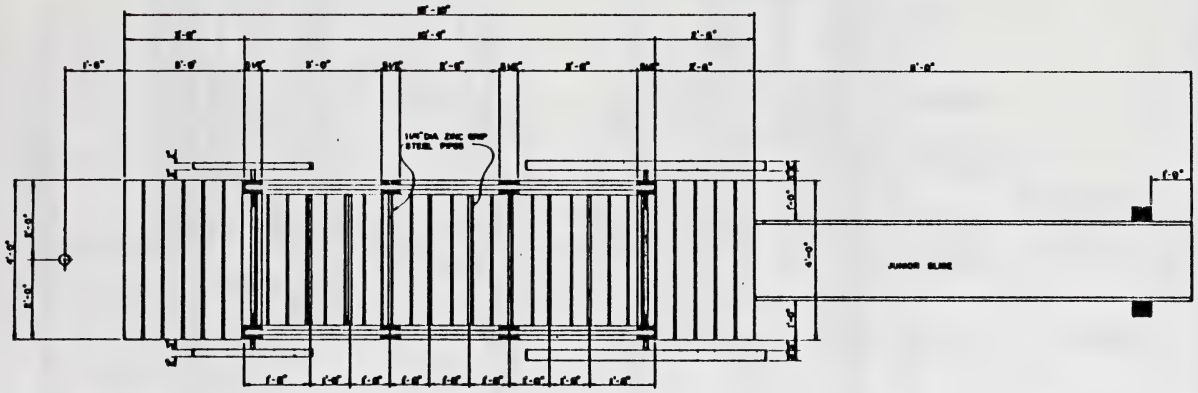
Revisions CKD

Edmonton Parks and Recreation

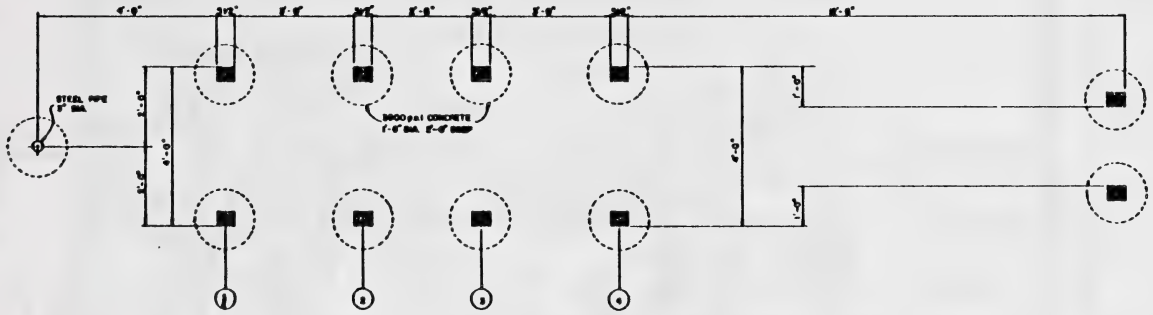
STAGECOACH

Drawn	Head of Design
P. BRITTAIN	
Design	Director
Checked	Superintendent

Date	Drawing No.
OCT. 18, 1977	SD
Scale	
3/4" = 1'-0"	
File No.	



TOP VIEW
SCALE: 3/4" = 1'-0"



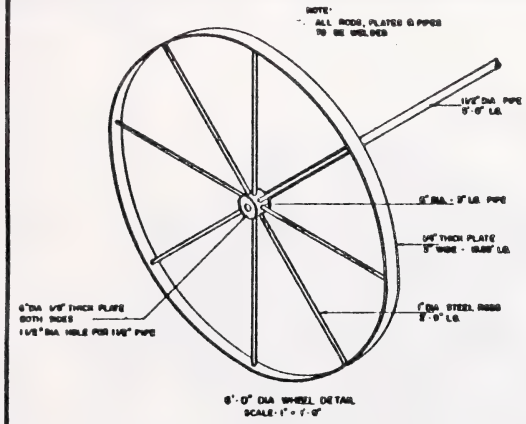
POST LAYOUT
SCALE: 3/4" = 1'-0"

Revisions CKD

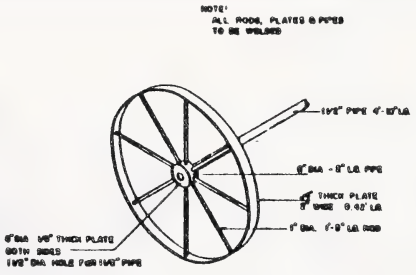
Edmonton Parks and Recreation

STAGECOACH

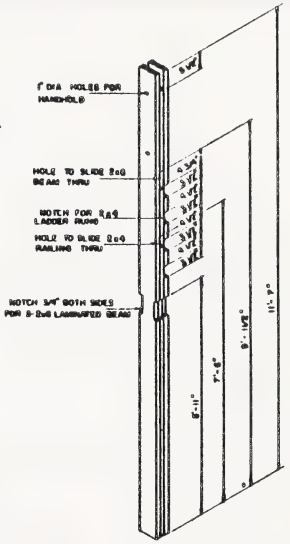
Drawn P DYTIUK	Head of Design	Date OCT 10, 1977	Drawing No. SD
Design	Director	Scale AS SHOWN	164
Checked	Superintendent	File No.	


NOTE:
ALL RODS, PLATES & PIPES TO BE WELDED
1½" DIA PIPE 5'-0" LG
6" DIA - 3'-0" LG PIPE
¼" THICK PLATE 3" WIDE - 18.85" LG
1" DIA STEEL ROD 3'-0" LG
6" DIA ¼" THICK PLATE BOTH SIDES
1½" DIA HOLE FOR 1½" PIPE

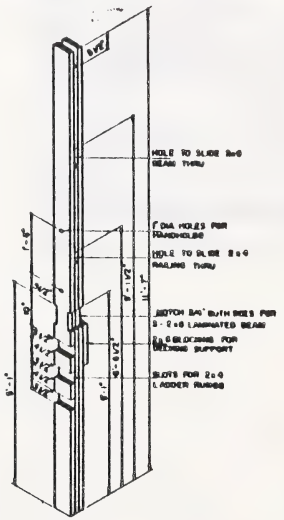
6'-0" DIA WHEEL DETAIL
SCALE: 1" = 1'-0"


NOTE:
ALL RODS, PLATES & PIPES TO BE WELDED
1½" PIPE 4'-10" LG
6" DIA - 8" LG PIPE
¼" THICK PLATE 8" WIDE 9.42" LG
1" DIA. 1'-0" LG ROD
6" DIA ¼" THICK PLATE BOTH SIDES
1½" DIA HOLE FOR 1½" PIPE

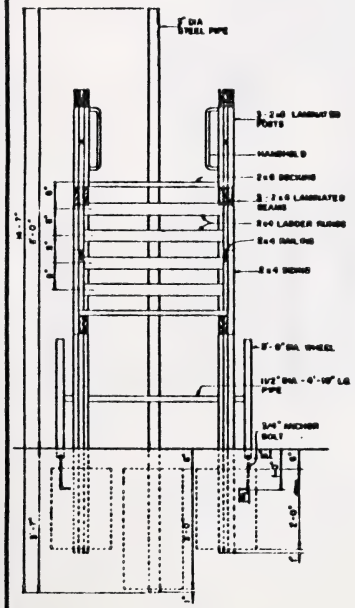
3'-0" DIA WHEEL DETAIL
SCALE: 1" = 1'-0"


1" DIA HOLES FOR HANDHOLD
HOLE TO SLIDE 2x6 BEAM THRU
NOTCH FOR 2x6 LADDER RUNG
HOLE TO SLIDE 2x6 RAILING THRU
NOTCH 3/4" BOTH SIDES FOR 3-2x6 LAMINATED BEAM

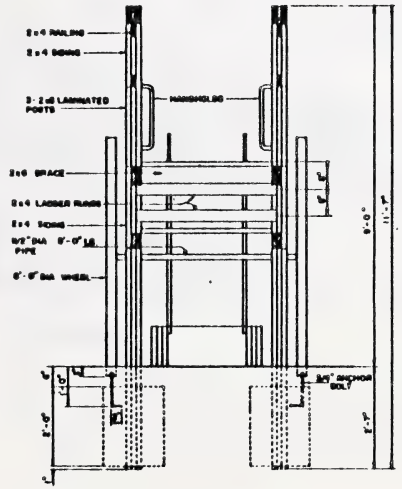
POST 1
SCALE: 3/4" = 1'-0"


HOLE TO SLIDE 2x6 BEAM THRU
1" DIA HOLES FOR HANDHOLDS
HOLE TO SLIDE 2x6 RAILING THRU
NOTCH 3/4" BOTH SIDES FOR 3-2x6 LAMINATED BEAM
2x6 BLOCKING FOR DECKING SUPPORT
SLOTS FOR 2x6 LADDER RUNGS

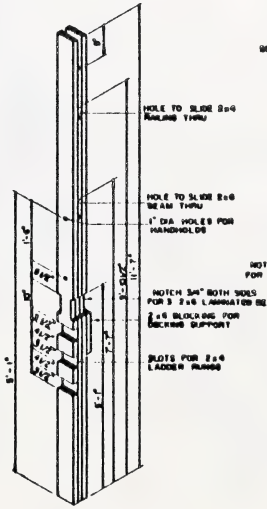
POST 2
SCALE: 3/4" = 1'-0"



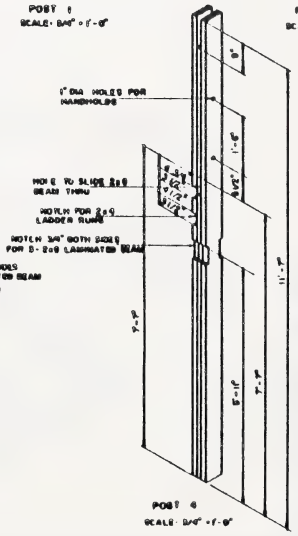
SECTION A-A
SCALE 3/4" = 1'-0"



SECTION B-B
SCALE 3/4" = 1'-0"


HOLE TO SLIDE 2x6 RAILING THRU
HOLE TO SLIDE 2x6 BEAM THRU
1" DIA HOLES FOR HANDHOLDS
NOTCH 3/4" BOTH SIDES FOR 3 2x6 LAMINATED BEAM
2x6 BLOCKING FOR DECKING SUPPORT
SLOTS FOR 2x6 LADDER RUNGS

POST 3
SCALE: 3/4" = 1'-0"


1" DIA HOLES FOR HANDHOLDS
HOLE TO SLIDE 2x6 BEAM THRU
NOTCH FOR 2x6 LADDER RUNG
NOTCH 3/4" BOTH SIDES FOR 3-2x6 LAMINATED BEAM

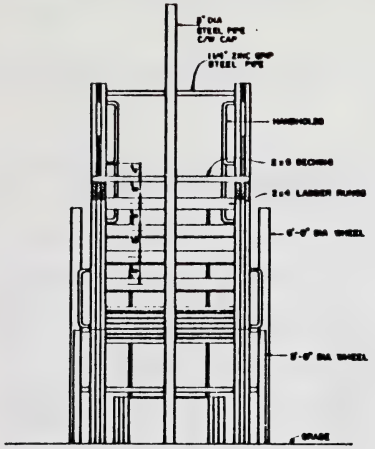
POST 4
SCALE: 3/4" = 1'-0"

Revisions CKD

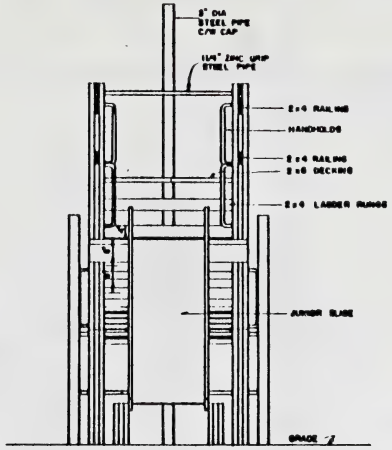
Edmonton Parks and Recreation

STAGECOACH

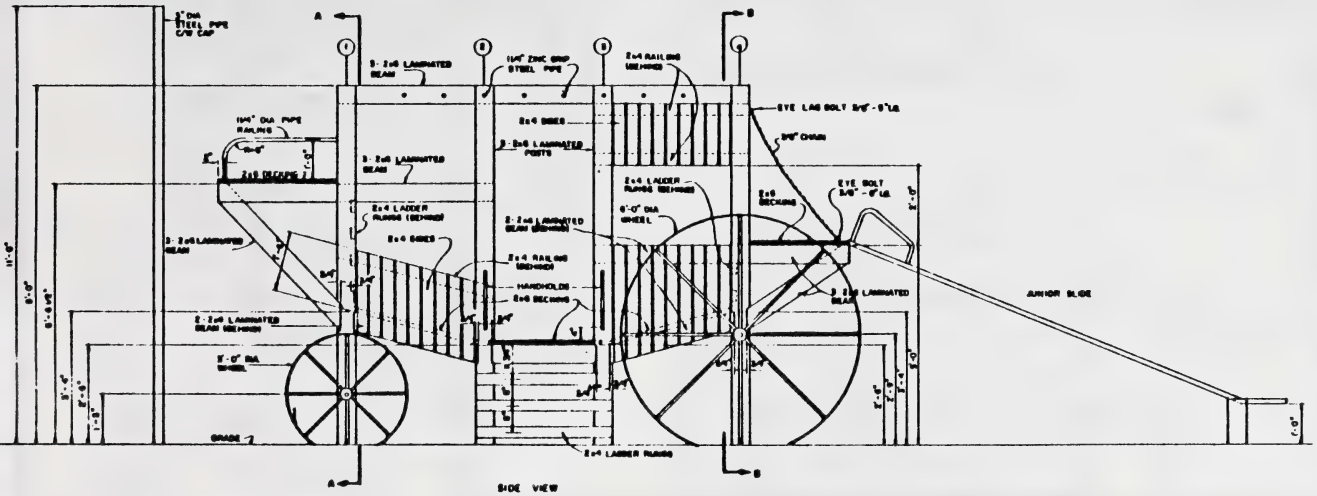
Drawn	Head of Design	Date	Drawing No.
P DYTIUK	Director	OCT 13, 1977	SD
Design	Superintendent	Scale	196
Checked		AS SHOWN	
		File No.	



FRONT VIEW
SCALE: 3/4" = 1'-0"



BACK VIEW
SCALE: 3/4" = 1'-0"



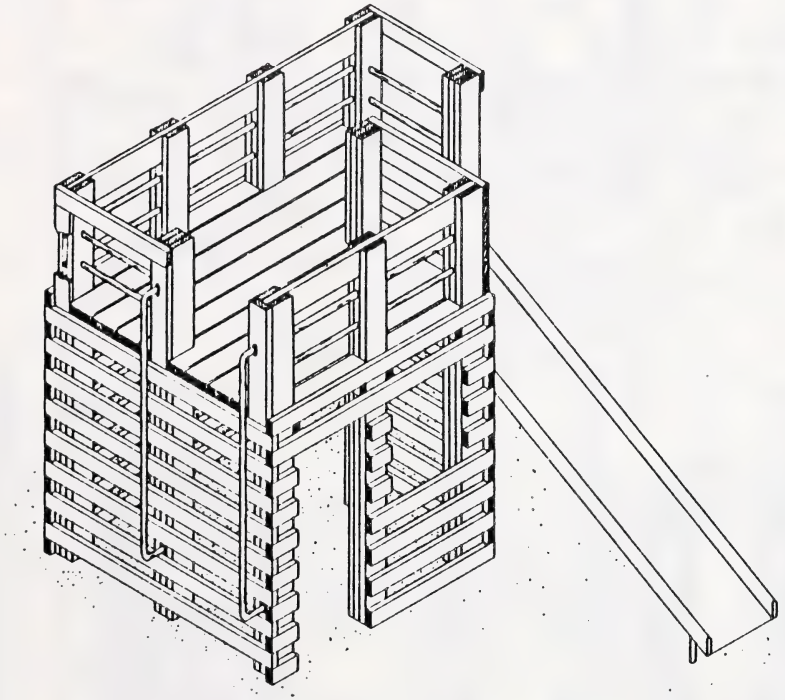
SIDE VIEW
SCALE: 3/4" = 1'-0"

Revisions CKD

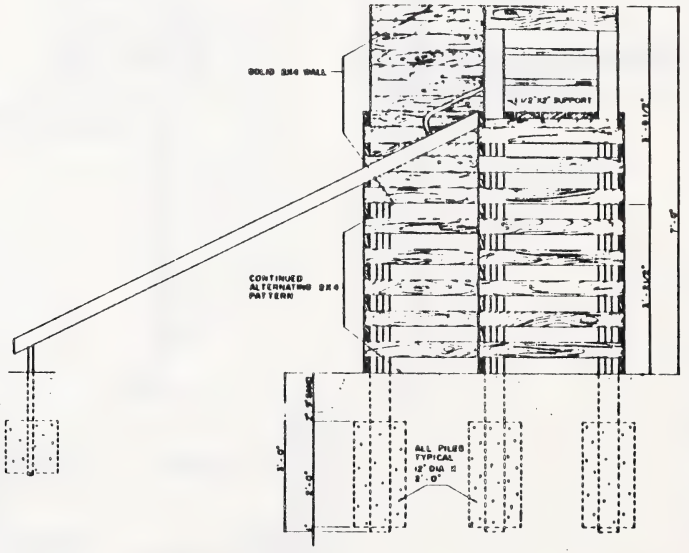
Edmonton Parks and Recreation

STAGECOACH

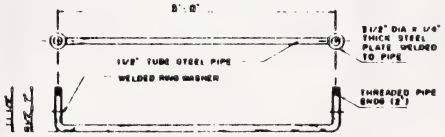
Drawn P. DYTNIK	Head of Design	Date Oct 18, 1977	Drawing No. SD 188
Design	Director	Scale AS SHOWN	
Checked	Superintendent	File No.	



PLAYHOUSE ISOMETRIC



RIGHT SIDE ELEVATION



HANDRAIL DETAIL

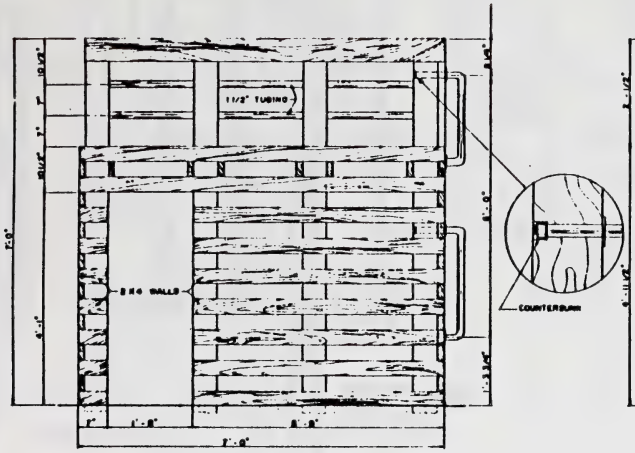
HANDRAIL REVISED DEC 8
HANDRAIL REVISED NOV 8
Revisions CKD

Edmonton Parks and Recreation

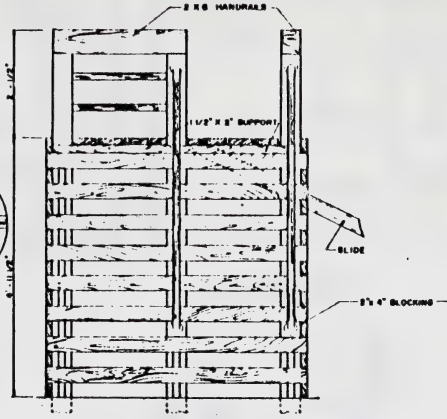
PLAYHOUSE

Drawn	Head of Design
D R C	
Design	Drawing
Checked	Superintendent

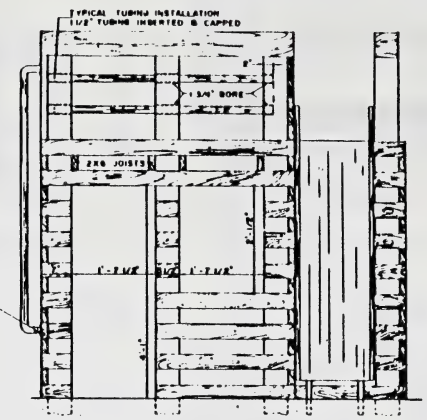
Date	Drawing No.
MARCH 1978	SD 168
Scale	
File No.	



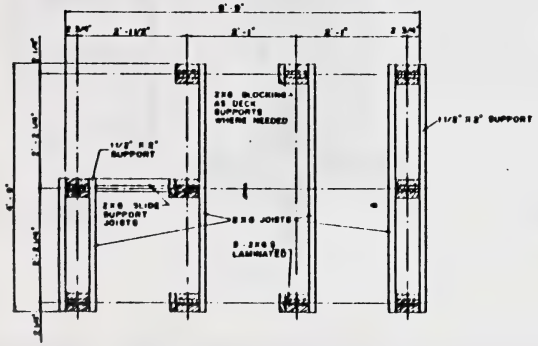
REAR ELEVATION



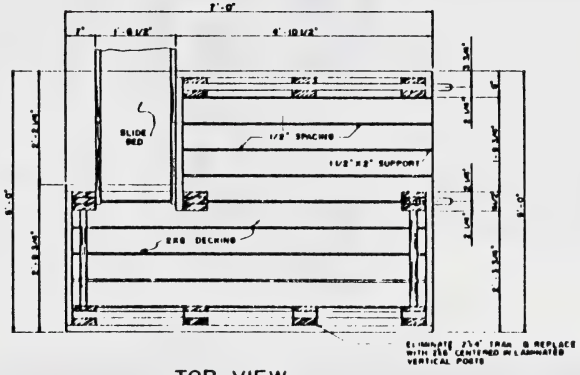
LEFT SIDE ELEVATION



FRONT ELEVATION



POST DETAIL



TOP VIEW

MATERIALS LIST

NO	DESCRIPTION	SIZE
200 LIN FT	WALLS	2 X 6'S
105 LIN FT	DECK, JOISTS, & HANDRAILS	2 X 6'S
10	3-2X6'S LAMINATED	10'-0" LONG
44 LIN FT	ZINC GRIP TUBING	1 1/2" DIA
1	JUNIOR SLIDE BED	
8 LIN FT	DECK SUPPORT STRIPS	1 1/2" X 8"

HANDRAIL REVISED
HANDRAIL REVISED
Revisions CKD

Edmonton Parks and Recreation

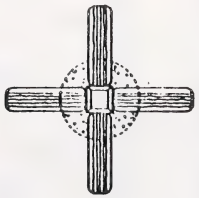
PLAYHOUSE

Drawn	Head of Design
D.R.C.	
Design	Drawn
Checked	Superintendent

Date	Drawing No.
MARCH 1978	SD 169
Scale 1"=1'-0"	
File No.	

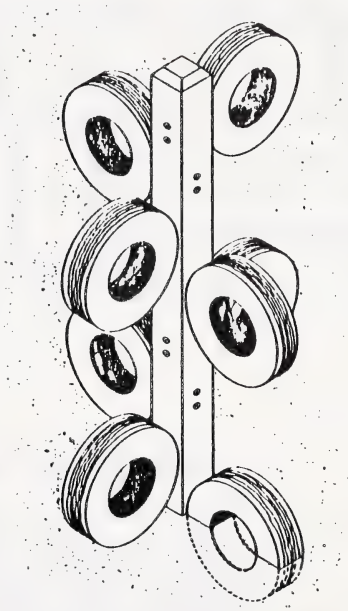
LIST OF MATERIALS

NO	DESCRIPTION	SIZE
1	POST	6" X 6" X 12'-0" LONG
8	TIRES	14" DIA RIM SIZE
16	BOLTS	1/2" DIA X 8 1/4" LONG C/W WASHERS & NUTS
8	STEEL PLATES	8" X 1" X 1/4" THICK



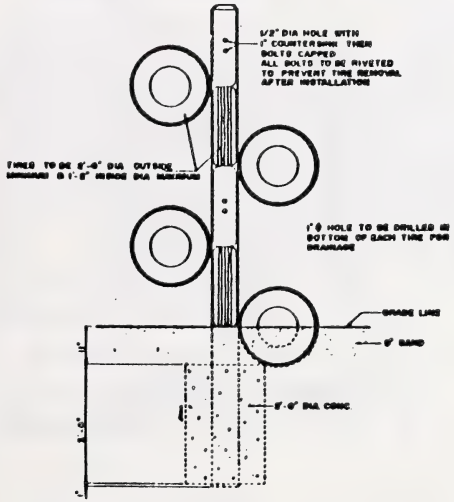
TOP VIEW

SCALE 3/4" = 1'-0"



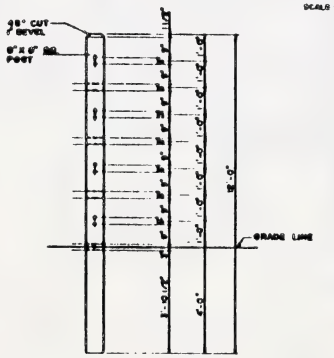
ISOMETRIC

SCALE 1" = 1'-0"


1/2" DIA HOLE WITH 1" COUNTERBORE THEN BOLTS CAPPED ALL BOLTS TO BE RIVETED TO PREVENT TIRE REMOVAL AFTER INSTALLATION
TIRES TO BE 5'-6" DIA. OUTSIDE
1" Ø HOLE TO BE DRILLED IN BOTTOM OF EACH TIRE FOR DRAINAGE
GRADE LINE
6" SAND
5'-6" DIA. CONC.

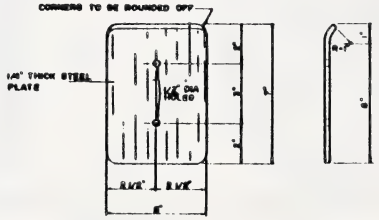
SIDE VIEW

SCALE 3/4" = 1'-0"



POST DETAIL

SCALE 1/2" = 1'-0"



TIRE PLATE DETAIL

SCALE 3/8" = 1'-0"

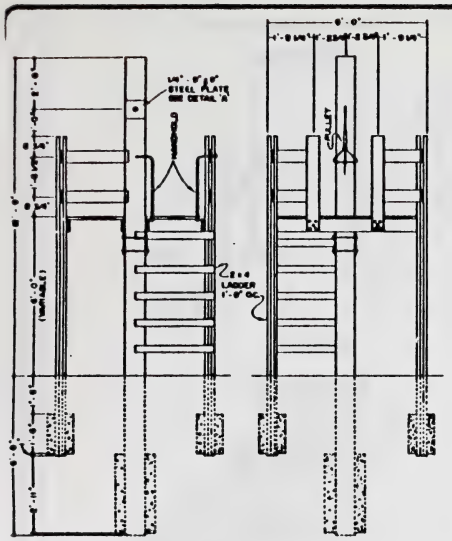
Revisions CKD

Edmonton Parks and Recreation

SPIRAL TIRE COLUMN

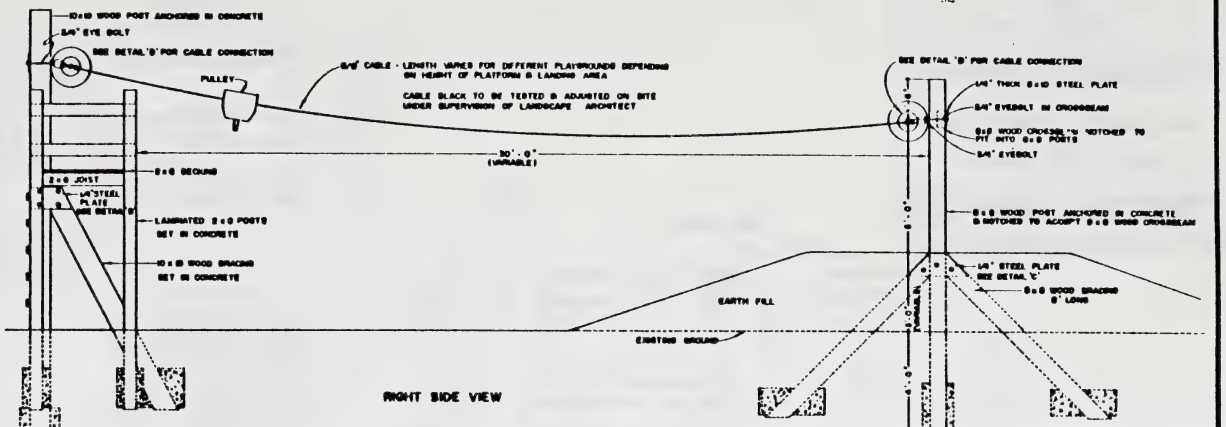
Drawn	Head of Design
DRC	
Design	Director
Checked	Superintendent

Date	Drawing No.
MAY 31/78	SD 170
Scale AS SHOWN	
File No.	

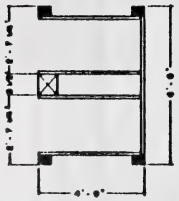


FRONT ELEVATION

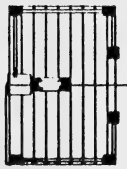
REAR ELEVATION

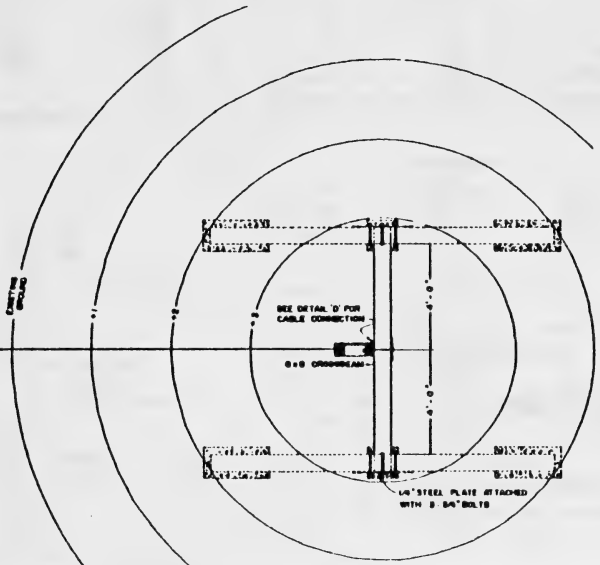

10 x 10 WOOD POST ANCHORED IN CONCRETE
3/4" EYE BOLT
SEE DETAIL 'B' FOR CABLE CONNECTION
PULLEY
3/4" CABLE - LENGTH VARIES FOR DIFFERENT PLAYGROUNDS DEPENDING ON HEIGHT OF PLATFORM & LANDING AREA
CABLE SLACK TO BE TESTED & ADJUSTED ON SITE UNDER SUPERVISION OF LANDSCAPE ARCHITECT
30'-0" (VARIABLE)
8 x 8 DECKING
2 x 8 JOIST
1/4" STEEL PLATE SEE DETAIL 'B'
LAMINATED 8 x 8 POSTS SET IN CONCRETE
10 x 8 WOOD BRACING SET IN CONCRETE
SEE DETAIL 'B' FOR CABLE CONNECTION
1/4" THICK 8 x 10 STEEL PLATE
3/4" EYEBOLT IN CROSSBEAM
8 x 8 WOOD CROSSBEAM NOTCHED TO FIT INTO 8 x 8 POSTS
3/4" EYEBOLT
8 x 8 WOOD POST ANCHORED IN CONCRETE & NOTCHED TO ACCEPT 8 x 8 WOOD CROSSBEAM
1/4" STEEL PLATE SEE DETAIL 'B'
8 x 8 WOOD BRACING 8' LONG
EARTH FILL
EXISTING GROUND

RIGHT SIDE VIEW



FRAMING PLAN





PLAN VIEW

MATERIAL LIST

QUANTITY	DESCRIPTION	SIZE
4	LAMINATED POSTS	8 x 8 x 8'-0" Lg
2	LAMINATED POSTS	8 x 8 x 6'-3" Lg
4	RAILING	2 x 6 - 4'-0" Lg
2	RAILING	2 x 6 - 3'-0" Lg
4	RAILING	2 x 6 - 1'-9" Lg
9	DECKING	2 x 8 - 3'-0" Lg
4	JOISTS	2 x 8 - 6'-0" Lg
1	JOISTS	2 x 8 - 5'-3" Lg
1	POST	10 x 10 - 16'-0" Lg
1	POST (BRACE)	10 x 10 - 10'-0" Lg
10	LADDER RUNGS	2 x 4 - 2'-0" Lg
2	POSTS	8 x 8 - 10'-0" Lg
1	POST (CROSS BEAM)	8 x 8 - 3'-0" Lg
6	POSTS (BRACING)	8 x 8 - 8'-0" Lg
8	HAND HOLDS (SEE DETAILS)	
8	1/4" STEEL PLATES - AS INDICATED	
4	BOLTS	3/4" - 10" Lg
8	BOLTS	3/4" - 18" Lg
1 CUB YD	3000 p.s.i. CONCRETE	
	3/8" CABLE	LENGTH AS REQUIRED
2	LEAD SLEEVES	
2	EYEBOLTS	3/4"
1	PULLEY c/w HANDLE - TO BE SUPPLIED BY CREATIVE PLAYGROUNDS, ABACOR SUPPLY CO LTD., BOX 6088 STATION C, EDMONTON	
4	CABLE CLAMPS	
1	CABLE GRIP NO. 2	
1	SMALL SIZE TREES - APPROX 10'	

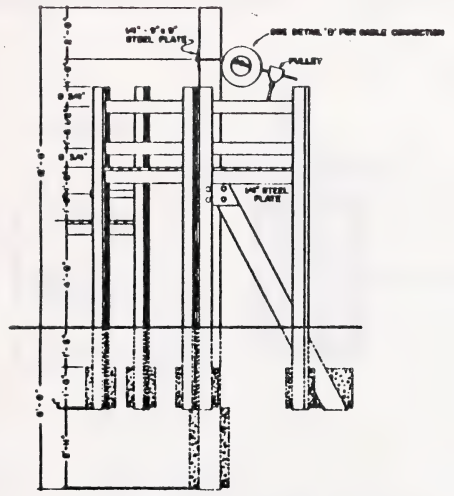
Revisions DECEMBER 1978, CABLE CONNECTION MD CKD

Edmonton Parks and Recreation

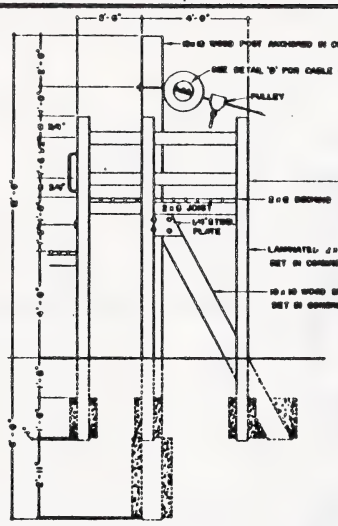
CABLE SLIDE

Drawn	Head of Design
MD	
Design	Director
CJ	
Checked	Superintendent

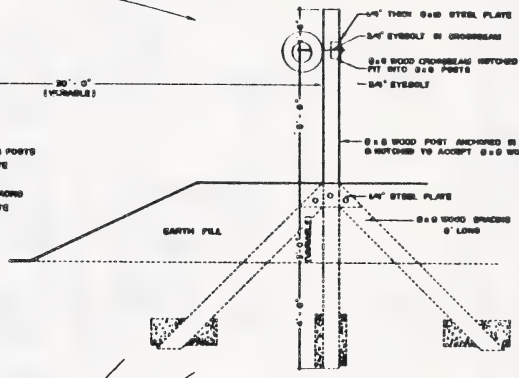
Date	Drawing No.
SEPT 1978	SD
Scale	171
1/8" = 1'-0"	
File No.	



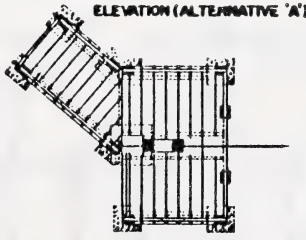
ELEVATION (ALTERNATIVE 'A')



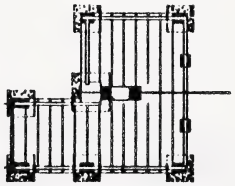
ELEVATION (ALTERNATIVE 'B')



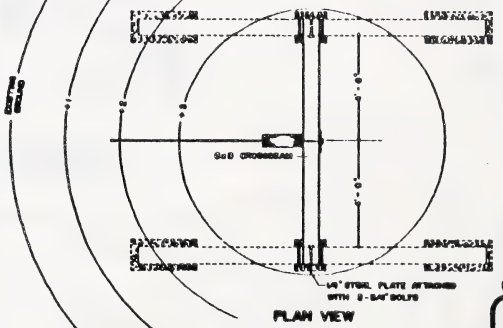
ELEVATION



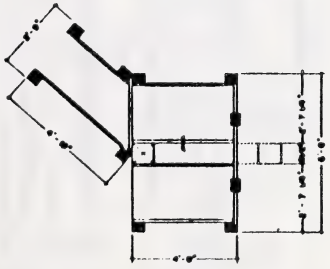
PLAN VIEW



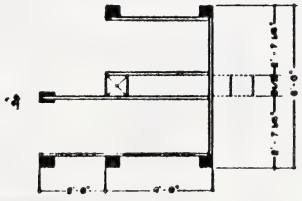
PLAN VIEW



PLAN VIEW



FRAMING PLAN



FRAMING PLAN

MATERIAL LIST (ALTERNATIVE 'A')

QTY	DESCRIPTION	SIZE
6	LAMINATED POSTS	
2	"	
8	ENGLISH	
6	"	
4	"	
4	"	
8	"	
1	JOISTS	
4	"	
4	"	
1	"	
8	GROWING	
60	"	
2	POSTS	
1	POSTS (CROSS BEAM)	
4	POSTS (BRACING)	
1	POST	
1	POST (BRACE)	
1	LADDER RUNG	
8	HAND HOLDS (SEE DETAIL)	
2	1/4" STEEL PLATES AS REQUIRED	
4	BOLTS	3/4" - 10" LG
8	BOLTS	3/4" - 10" LG
1 PC	WOOD FOR CONCRETE	
	5/8" CABLE	LENGTH AS REQUIRED
8	LEAD SLEEVES	
8	EYEBOLTS	3/4"
1	PULLEY 3/4" HANDLE TO BE SUPPLIED BY CREATIVE PLAYGROUNDS, DESIGN, SUPPLY CO LTD BOX 6080, STATION C, EDMONTON	
4	CABLE CLAMPS	
2	CABLE COILARS	
2	SMALL SIDE TREES APPROX 10"	

MATERIAL LIST (ALTERNATIVE 'B')

QTY	DESCRIPTION	SIZE
6	LAMINATED POSTS	
2	"	
8	ENGLISH	
6	"	
4	"	
4	"	
8	"	
8	JOISTS	
1	"	
12	GROWING	
6	"	
2	"	

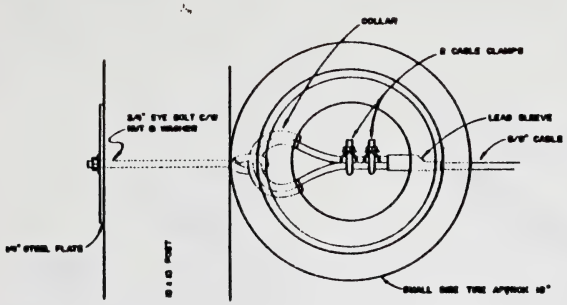
FOR REMAINDER OF MATERIALS LIST SEE ABOVE

Revisions DEC 1978 - CABLE CONNECTION DETAIL - RD CKD

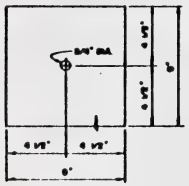
Edmonton Parks and Recreation

CABLE SLIDE WITH MULTI DECK CONNECTION

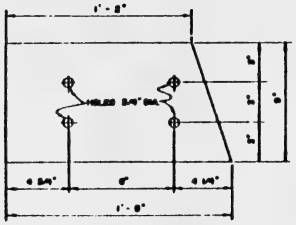
Drawn RD	Head of Design	Date AUGUST 1978	Drawing No. SD 172
Design	Director	Scale 1/8" = 1'-0"	
Checked	Superintendent	File No.	



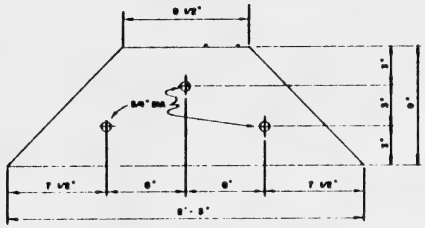
DETAIL D
SCALE 1/4" = 1'



DETAIL A
SCALE 1/4" = 1'



DETAIL B
SCALE 1/4" = 1'



DETAIL C
SCALE 1/4" = 1'

Revisions CKD

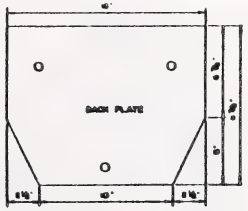
Edmonton Parks and Recreation

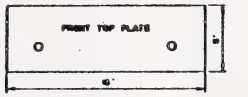
CABLE SLIDE

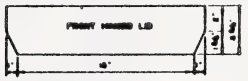
DETAILS

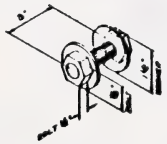
Drawn	Head of Design
Design	Director
Checked	Superintendent

Date DEC 1990	Drawing No SD 173
Scale AS SHOWN	
File No	

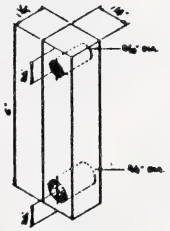




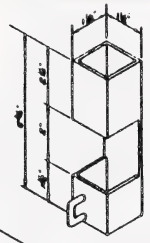




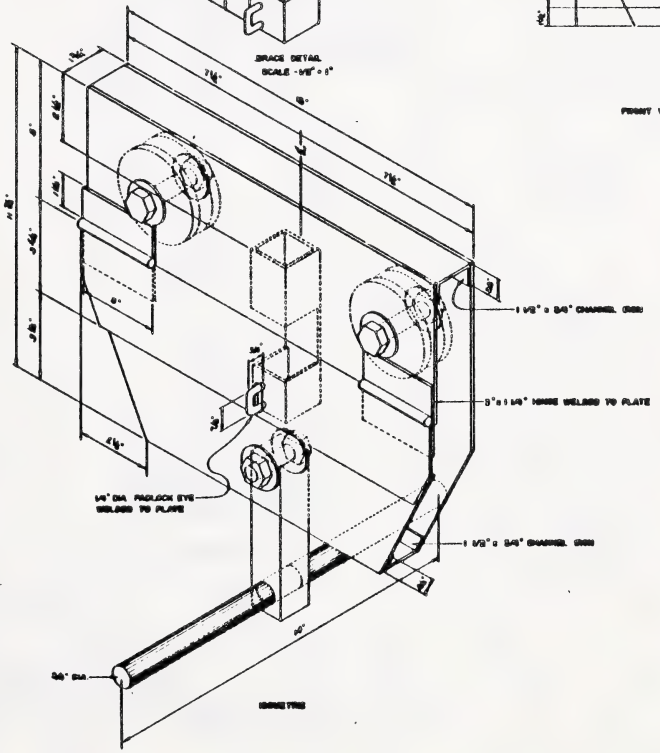
HANDLE BOLT DETAIL
SCALE - 1/2" = 1"



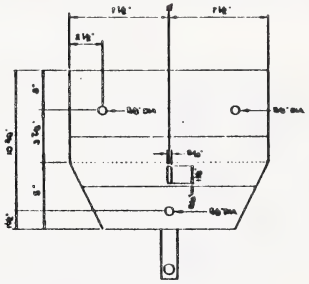
HANDLE DETAIL
SCALE - 1/2" = 1"



BRACE DETAIL
SCALE - 1/2" = 1"

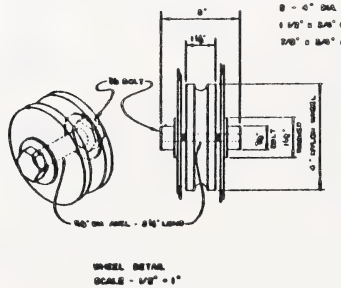


ISOMETRIC



FRONT VIEW (HOLE PLACEMENT)
SCALE - 1/2" = 1"

MATERIALS LIST:
- 2 SQUARE FEET - 1/8" GALVANIZED SHEET METAL
- 2 3/4" LONG - 1 1/2" SQUARE TUBING (BRACES)
- 1 1/4" SQUARE BAR - 6" LONG (HANDLE)
- 3/4" DIA. ROD - 10" LONG (HANDLE)
- 2 - 3" x 1/4" HINGES
- 8 - 3/8" x 3" BOLTS C/W NUTS & 1 1/2" WASHERS
- 2 - 4" DIA. NYLON WHEELS
- 1 1/2" x 3/4" CHANNEL (TYP) - 3' 8" LONG
- 3/8" x 3/4" x 1/4" ENG. PADLOCK EYE



WHEEL DETAIL
SCALE - 1/2" = 1"

Revisions CKD

Edmonton Parks and Recreation

CABLE SLIDE PULLEY

Drawn: RD	Head of Design:	Date: NOV 1975	Drawing No. SD 174
Design	Director	Scale: AS SHOWN	
Checked:	Superintendent	File No.	

PLAYGROUND COMPONENT SYSTEM

Edmonton Parks and Recreation drawings SD500 to 505 illustrate how a playground can be developed in phases (a three-phase example is shown). The play equipment component system is designed to allow additions as the playground expands at each subsequent phase. The layout of the sand and sitting areas can also be modified without damage to existing work.

STAGE 1

SITE PREPARATION

- Playground Excavation
- Concrete Walk Construction
- Playground Curb Installation
- Berm Construction
- Drainage System Installation
- Topsoil Grading
- Seeding or Sodding
- Security Light Installation

STAGE 2

CONSTRUCTION

- Play Equipment Installation
- Sand Installation
- Bicycle Stand Installation
- Bench Installation
- Litter Container Installation
- Park Sign Installation

STAGE 3

LANDSCAPING

- Tree Planting
- Picnic Tables
- Other Park Amenities

COSTS

Small Area	32,000	28,000	15,000	Average Area & Cost	370 M²	$ 75,000
Medium Area	34,000	51,000	20,000	" " "	585 M²	105,000
Large Area	36,000	64,000	25,000	" " "	885 M²	125,000

Revisions CKD

Edmonton PARKS AND RECREATION

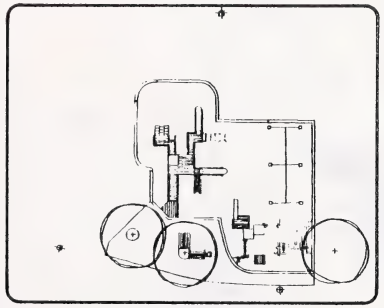
PLAYGROUNDS

Basic Requirements & Development Staging

1983 COSTS

Drawn	Supervisor	Date 83 01 31	Drawing No 500A
Design	Director	Scale n t s	
Checked	Manager	File No.	
	General Manager		

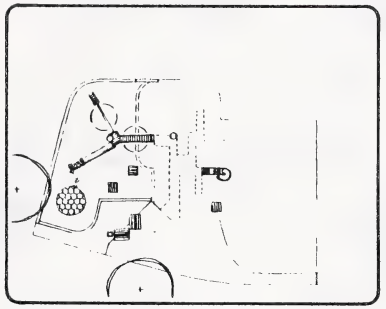
PHASE 1



SITE PREPARATION	$	EQUIPMENT	$
EXCAVATE, GRADE, AND			
CURBS			
DRAINAGE			
SUBTOTAL			
SITE AMENITIES	$		
WALKS (1.5 sq.m)			
LIGHTS (3)			
BENCHES SD 4216 (4)			
TRASH UNIT			
TREES (3)			
SUBTOTAL		SUBTOTAL	

TOTAL 39,000

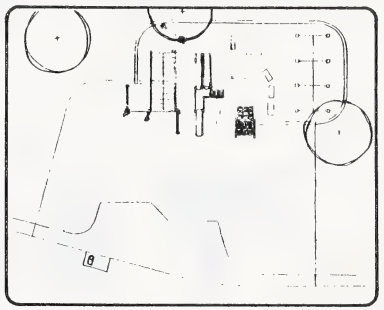
PHASE 2



SITE PREPARATION	$	EQUIPMENT	$
EXCAVATE, GRADE		SPIRAL SLIDE SD 501	
SAND		VERTICAL TUBE	
CURBS		VERT TUBE/TIRE SWING SD 504	
DRAINAGE		CATWALK/TIRE SWINGS SD 505 (2)	
SUBTOTAL		TIRE LADDER SD 509	
SITE AMENITIES	$	PIPE LADDER SD 505	
WALKS		SAND PADS SD 106(3)	
BENCHES SD 4216(4)		BEEHIVE CLIMBER	
TRASH UNITS		BEAMS/LOGS	
TREES			
SUBTOTAL		SUBTOTAL	

TOTAL + 28,000 = 67,000

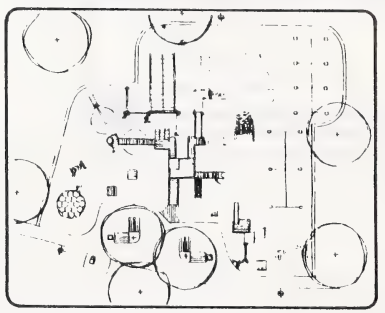
PHASE 3



SITE PREPARATION	$	EQUIPMENT	$
EXCAVATE, GRADE		PEAK SD 502 B	
SAND		DOUBLE TUBE SLIDE	
CURBS		TUBE CRAWL SD 503	
DRAINAGE		TIRE LADDER SD 508	
SUBTOTAL		FINE PYRAMID SD 157	
SITE AMENITIES	$	ARCH CLIMBER SD 167	
PICNIC TABLES SD 4120(3)		SWINGS 10 x 50	
DRINKING FOUNTAIN		SEWER PIPES SD 105(3)	
TRASH UNITS (3)		RAMP TIRES SD 109(9)	
TREES (3)		BEAMS/LOGS	
SUBTOTAL		SUBTOTAL	

TOTAL + 28,000 = 95,000

COMPLETE



TOTAL

Revisions CKD

Edmonton PARKS AND RECREATION

PLAYGROUNDS
Development Phasing
Estimates

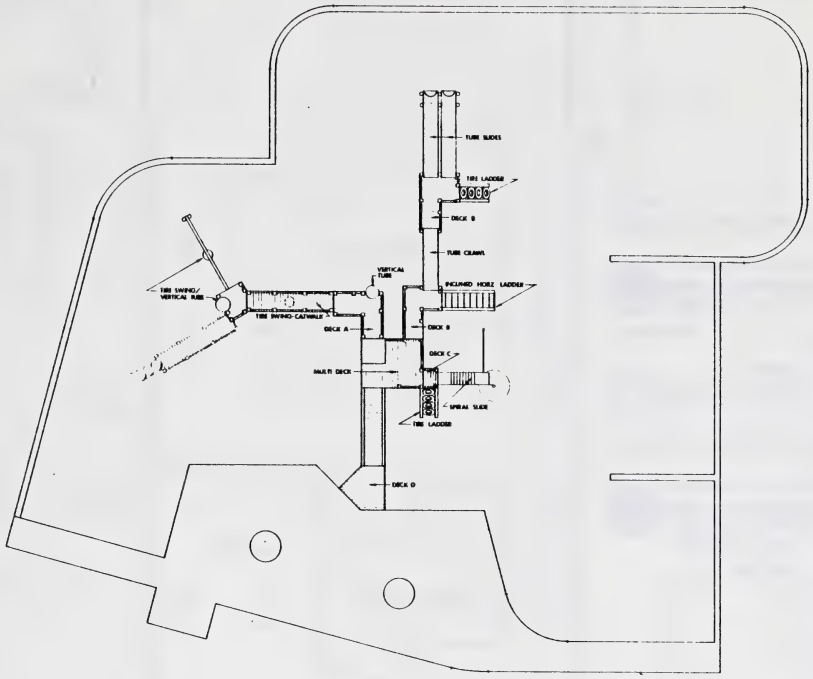
1983 COSTS

Drawn	Supervisor
Design	Director
Checked	Manager
	General Manager

Date	Drawing No
83 03	500B
Scale 1 250	
File No.	

MATERIAL LIST

1 - MULTI DECK SD 901
1 - SPIRAL SLIDE, AMERICAN STANDARD SS-1.12)
1 - DECK A SD 902
2 - DECK B SD 902
1 - DECK C SD 902
1 - DECK D SD 902
2 - CATWALK/TIRE SWING SD 509
1 - TUBE CRAWL SD 505
1 - INCLINED HAND LADDER SD 503
1 - TIRE SWING, VERTICAL TUBE SD 504
3 - TIRE LADDER SD 505
1 - FIRE LADDER SD 503



Revisions CKD

Edmonton PARKS AND RECREATION

Playground Component System

Typical Equipment Layout

Drawn	Supervisor	Date 1983 03-01	Drawing No. 500C
Design	Director	Scale 1:100	
Checked	Manager	File No.	
	General Manager		

OPTION A

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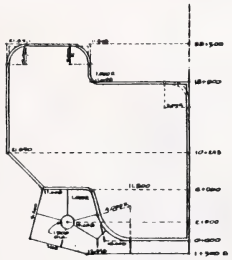

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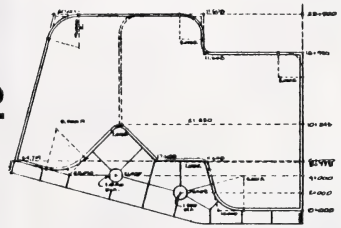

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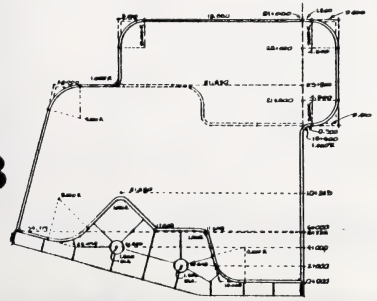
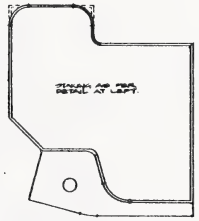


OPTION B

1



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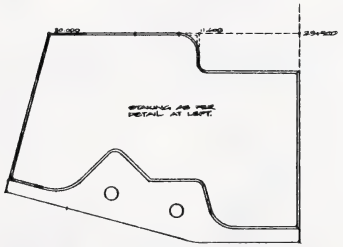

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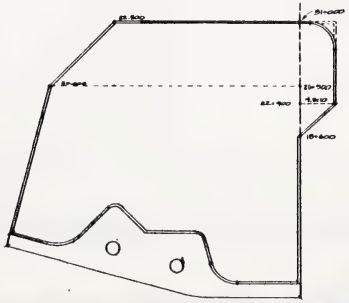
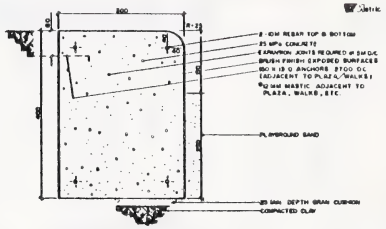
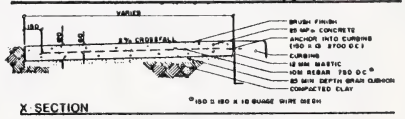




PLAYGROUND CURBING

Edmonton PARKS AND RECREATION

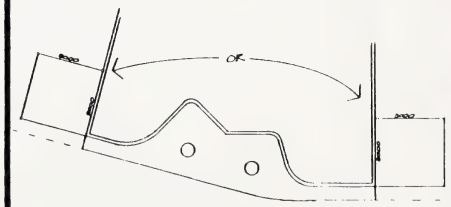
CONCRETE CURBS/PLAYGROUND DWG. NO. SP102a



X SECTION

Edmonton PARKS AND RECREATION

CONCRETE PLAZA COURT DWG. NO. SP101d



OPTIONAL COURT

LEGEND

- BUMPER RAIL
- PROPERTY LINE
- SEWER LINE
- WATER LINE
- GAS LINE
- IRRIGATION
- OVERHEAD POWER
- UNDERGROUND POWER
- SUB-DRAINAGE
- CHAIN LINK FENCE
- WOOD FENCE
- TRANSFORMER
- HYDRANT
- METER CHAMBER
- CUBICLE
- SECURITY LIGHT

NOTES:

1A } 185 LIN M 300 x 400 CONC. CURB
1B } 172 SQ M 120 CONC. PAVING

2A } 116 LIN M 300 x 400 CONC. CURB
2B } 145 SQ M 120 CONC. PAVING

3A } 140 LIN M 300 x 400 CONC. CURB
3B } 145 SQ M 120 CONC. PAVING

OPTIONAL COURT - 1 @ 4" 120 CONC. PAVING

Revisions		CKD
SP DETAILS UPDATED	MAY 8 1985 JL	
REVISED PLAZA AREA LAYOUT	JUNE 11 84 JL	

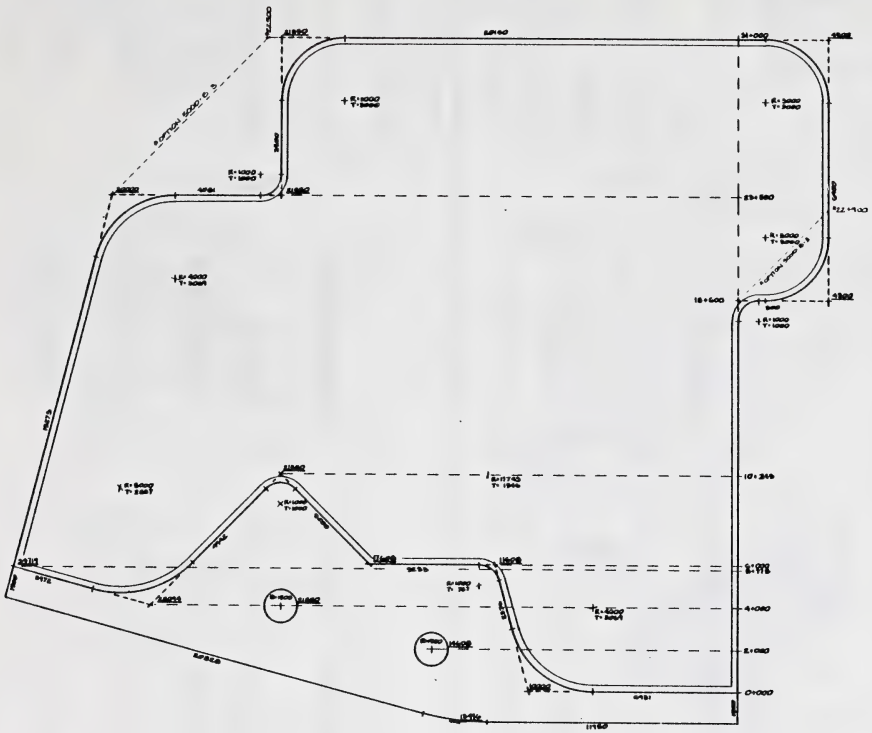
Edmonton PARKS AND RECREATION

Playground Component System

CURB STAKING
General

Drawn		Superintendent	
Design		Director	
Checked		Manager	
		General Manager	

Date 1985	Drawing No. 500 D
Scale 1:250	
File No.	



Curb and Plaza Staking

1 : 100

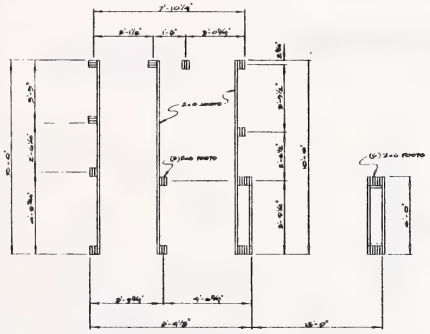
Revisions CKD

Edmonton PARKS AND RECREATION

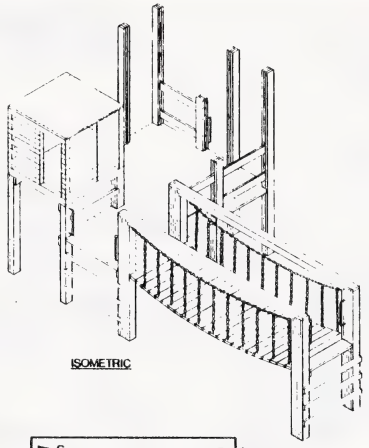
Playground Component System

CURB STAKING
Stage 3

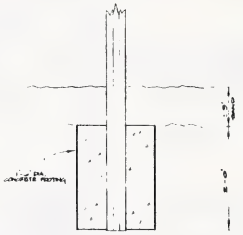
Drawn	Supervisor	Date	Drawing No.
Design	Records	Scale 1:100	SD 5000-A-3
Checked	Manager	File No.	
	General Manager		



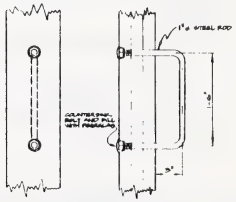
POST and BEAM



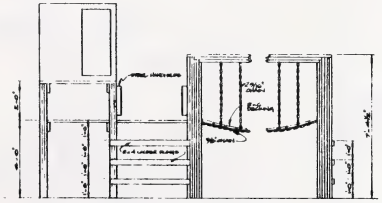
ISOMETRIC



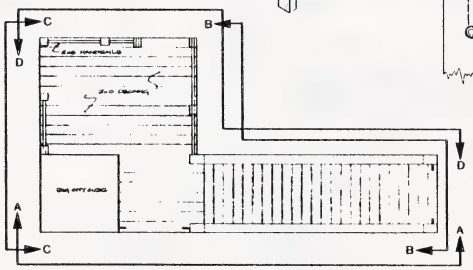
FOOTING DETAIL



HANDHOLD DETAIL



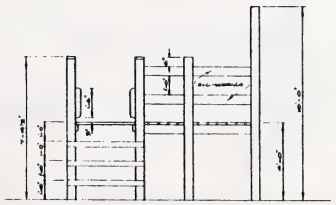
ELEVATION A-A



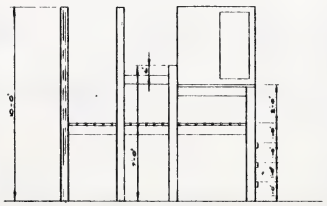
PLAN VIEW

MATERIAL LIST

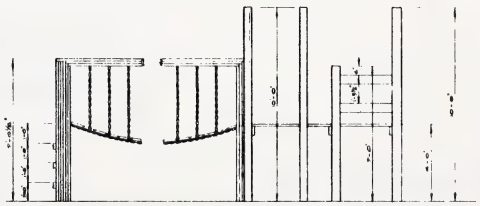
- 4 POSTS - (3) 2x6 x 12'-11" LONG
- 3 POSTS - (3) 2x6 x 11'-9" LONG
- 3 POSTS - (3) 2x6 x 8'-9" LONG
- 4 POSTS - (8) 2x6 x 10'-7" LONG
- 140 LIN FT OF 2x6 FOR JOISTS
- 100 LIN FT OF 2x6 FOR HANDRAILS
- 29 LIN FT OF 2x4 FOR LADDER RUNGS
- 150 SQ FT OF 2x6 FOR DECKING
- 1 - BAG CITY CURE - 30 LB
- 4 - STEEL HANDHOLDS
- 1 25 FT OF 3/8" CHAIN
- 1 90 FT OF 5/8 CHAIN
- 1 2.0 CU METRE CONCRETE
- 20 LBS. GUIK PLASTIC RESIN
- 25 LBS. 3½" COATED NAILS
- 50 WASHER UNITS
- 8 5/16 BOLTS ½" x 14"
- 4 M.S. ALUMINUM BOLTS - STAINLESS
- 1 PINEMAN PULE
- 1 BAG CITY CURE



ELEVATION B-B



ELEVATION C-C



ELEVATION D-D

Revisions CKD

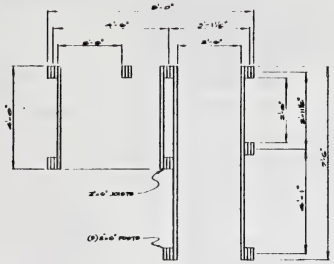
Edmonton PARKS AND RECREATION

Playground Component System

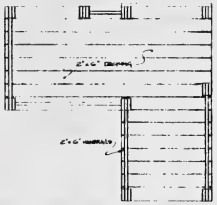
MULTI-DECK

Drawn	Supervisor
gy	
Design	Director
Checked	Manager
	General Manager

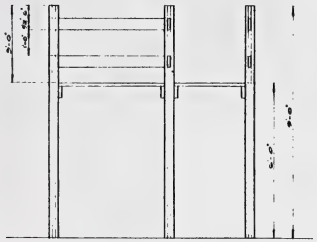
Date	Drawing No.
mar '83	SD 501
Scale 3/8"=1'-0"	
File No.	



POST and BEAM



PLAN VIEW

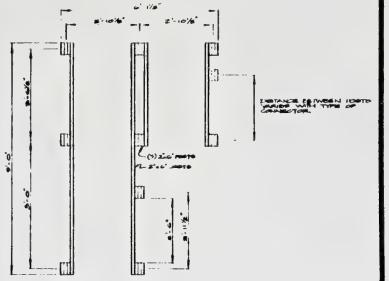


ELEVATION

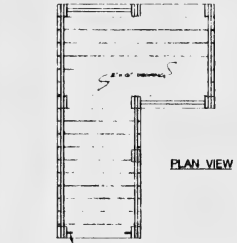
TYPE A

MATERIAL LIST

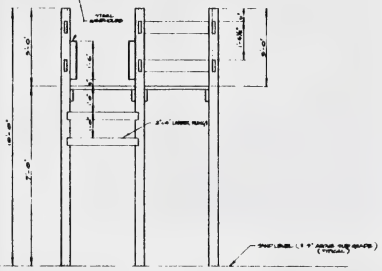
9 POSTS - (9) 2×6's × 11'-8" LONG
140 LIN FT OF 2×6 HANDRAILS
126 LIN FT. OF 2×6 JOISTS
144 SQ FT OF 2×6 DECKING
2.1 CU. METRES OF 3500 PSI CONCRETE
5 LBS. GLUE PLASTIC RESIN
10 LBS 8½ COATED NAILS
½ GAL. CALIFORNIA RUSTIC STAIN



POST and BEAM



PLAN VIEW

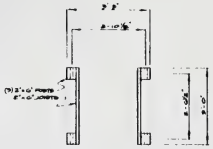


ELEVATION

TYPE B

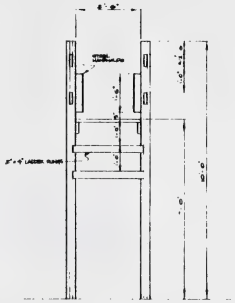
MATERIAL LIST

4 POSTS - (4) 2×6's × 13'-8" LONG
130 LIN FT OF 2×6 HANDRAILS
126 LIN FT OF 2×6 JOISTS
191 LIN FT OF 2×6 DECKING
26 LIN FT OF 2×4 LADDER RUNGS
2 STEEL HANDHOLDS
3.1 CU METRES OF 3500 PSI CONCRETE
½ GAL CALIFORNIA RUSTIC STAIN
10 LBS. 3½" COATED NAILS
5 LBS GLUE PLASTIC RESIN



POST and BEAM

PLAN VIEW

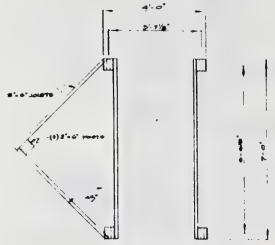


ELEVATION

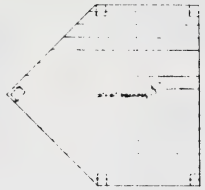
TYPE C

MATERIAL LIST

4 POSTS - (3) 2×6's × 12'-9" LONG
72 LIN FT OF 2×6 HANDRAILS
6 LIN FT. OF 2×6 JOISTS
24 LIN FT OF 2×6 DECKING (2.5')
6 LIN FT OF 2×4 LADDER RUNGS
2 STEEL HANDHOLDS
1.9 CU METRES OF 3500 PSI CONCRETE
1 GAL CALIFORNIA RUSTIC STAIN
5 LBS 10PENED NAILS
5 LBS GLUE PLASTIC RESIN



POST and BEAM



PLAN VIEW

ELEVATION

TYPE D

MATERIAL LIST

* POSTS - (8) 2×6's × 14'-0" LONG
24 LIN FT. OF 2×6 JOISTS
5 - LOGS 5" FIR LEDGING
4 - 2×6x7 ——
* - 2×6x8' ——
5 LBS 3½" COATED NAILS
1 GAL CALIFORNIA RUSTIC STAIN
5 LBS GLUE PLASTIC RESIN

Revisions CKD

Edmonton PARKS AND RECREATION

Playground Component System

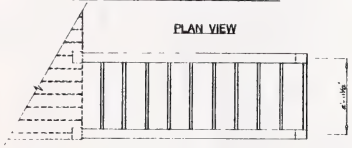
DECKS
Type A,B,C, & D

Drawn GJ	Supervisor
Design	Director
Checked	Manager
	General Manager

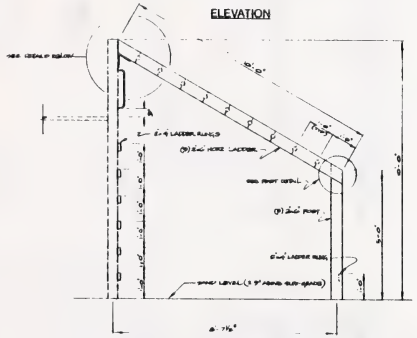
Date mar 83	Drawing No. SD 502
Scale 1/2" = 1'-0"	
File No.	

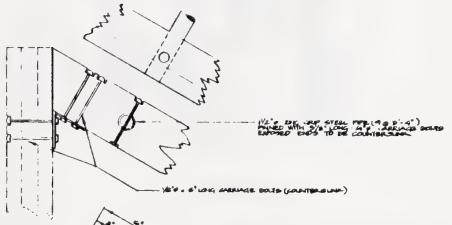
INCLINED HAND LADDER

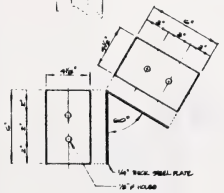
PLAN VIEW



ELEVATION







BRACKET DETAILS

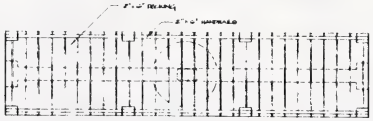
POST DETAIL

MATERIAL LIST

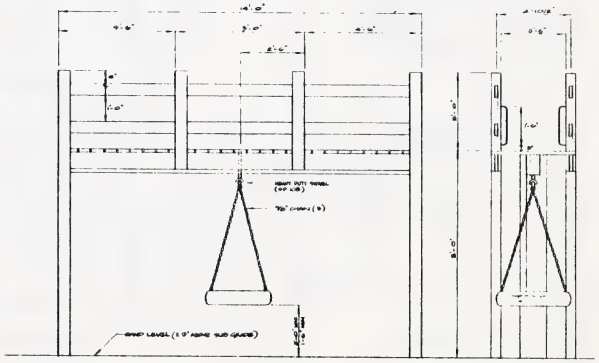
2 SUPPORTS - (3) 2x6's x 10' LG
2 POSTS - (3) 2x6's x 8'-1" LONG, (AS PER DETAIL)
9 - 114'S x 8'-4" LONG, BASE GRIP STEEL PIPE
2 - 1/4" THICK STEEL PLATES (AS PER DETAIL)
28 LIN FT OF 2x6 LADDER RUNGS
18 - CARRIAGE BOLTS 1/4" x 5 1/2" LONG
8 - CARRIAGE BOLTS 1/4" x 6" LONG
.12 CU METRE OF 3500 PSI CONCRETE
2 LBS. WHITE PLASTIC RESIN
1 QT. CALIFORNIA RUSTIC STAIN
2 LBS. 5½" COATED NAILS

CATWALK/TIRE SWING

POST/JOIST PLAN VIEW



OVERALL PLAN VIEW



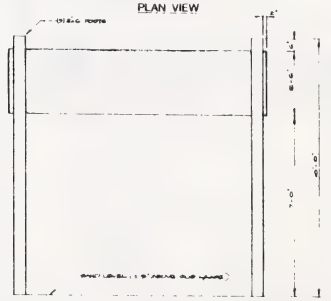
ELEVATION

SECTION

MATERIAL LIST

4 POSTS - (3) 2x6's x 19'-9" LONG
4 POSTS - (3) 2x6's x 3'-7" LONG
2 POSTS - (3) 2x6's x 10'-5" LONG
1 BEAM - (4) 2x8's x 14'-0" LONG
28 LIN FT OF 2x6 JOISTS
56 LIN FT OF 2x6 HANDRAILS
142 SQ FT OF 2x6 DECKING
1 - HEAVY DUTY SWIVEL (30 lbs)
4 - STEEL HANDRAILS
19 FT OF 5/8" STEEL CHAIN
.5 CU METRE OF 3500 PSI CONCRETE
3 TIRE PLATES (AS PER SD 401)
3 RESPAK LINKS
5 LBS GLUE PLASTIC RESIN
2 QT CALIFORNIA RUSTIC STAIN
10 LBS 5½" COATED NAILS

PLAN VIEW



ELEVATION

TUBE CRAWL

MATERIAL LIST

4 POSTS - (3) 2x6's x 12'-9" LONG
1 - 90° x 4" DIA PLASTIC TUBE - 10'-0" LONG
8 - CARRIAGE BOLTS 1/2" x 5½" LONG
.5 CU METRE - 3500 PSI CONCRETE
1 QT CALIFORNIA RUST STAIN
1 LB 5½" COATED NAILS

Revisions CKD

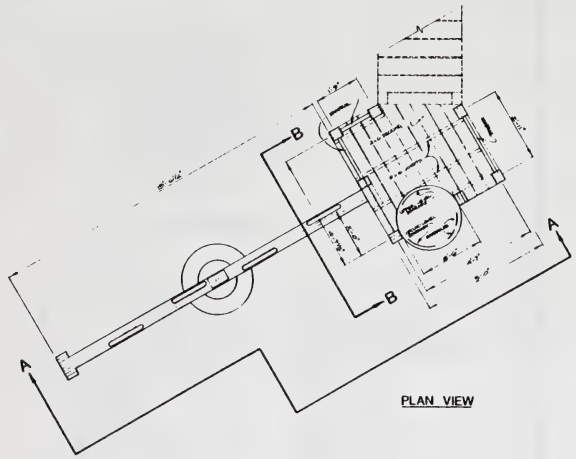
Edmonton PARKS AND RECREATION

Playground Component System

INCLINED HAND LADDER
CATWALK/TIRE SWING
TUBE CRAWL

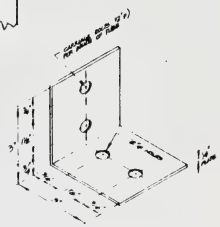
Drawn	Supervisor
GJV	
Design	Director
Checked	Manager
	General Manager

Date	Drawing No.
mar 83	SD 503
Scale	
1/2"-1'-0"	
File No.	



PLAN VIEW

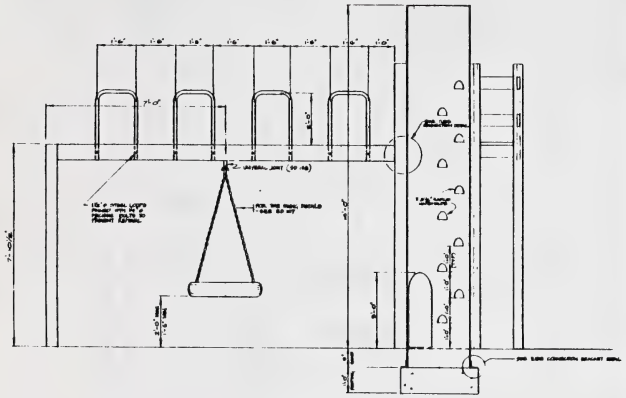
TUBE DETAIL



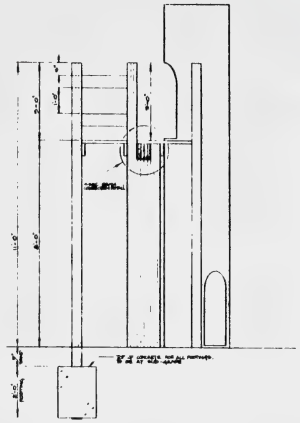
BRACKET DETAIL

MATERIAL LIST

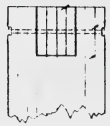
- 1 POST - 6"x6" x 9'-4"
- 1 POST - 6"x6" x 10'-9"
- 1 POST - 6"x6" x 10'-9"
- 8.5 LIN FT - 2"x6" JOISTS
- 115 LIN FT - 2"x6" HANDRAILS
- 120 SQ FT - 2"x6" DECKING
- 1 BEAM - 4"x8" x 14'-0" LONG
- 1 - 30'ø GALVETHYLUME TUBE x 14'-0" LONG
- 1 - TIRE
- 1 - HEAVY DUTY SWIVEL (SD 108)
- 15 FT - 5/8" CHAIN
- 4 - 1 1/2"ø STEEL LOOPS (AS PER DETAIL)
- 16 - 1/4"ø MACHINE BOLTS x 5" LONG
- 10 - 1/2"ø MACHINE BOLTS x 2" LONG
- 15 FT - 1/2"ø RUNNING RIT
- 4 STEEL BRACKETS (AS PER DETAIL)
- 11.5 CU. METRES OF 3500 PSI CONCRETE
- 3 TIRE PLATES (AS PER SD 107)
- 3 SUNMARK LINKS
- 6" LBS. WHITE PLASTIC RESIN
- 1 GAL. CALIFORNIA RUSTIC STAIN
- 10 LBS. COATED NAILS (3 1/2")



VIEW A-A



VIEW B-B



BEAM DETAIL

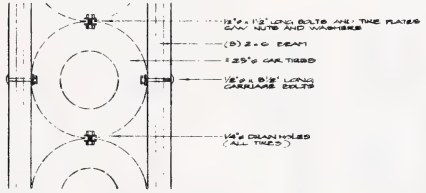
Revisions CKD

Edmonton PARKS AND RECREATION

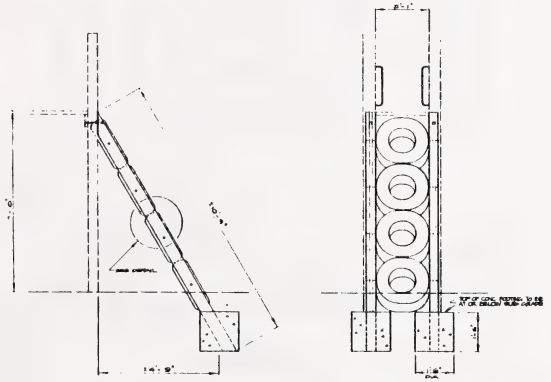
Playground Component System

TIRE SWING/ VERTICAL TUBE

Drawn GY	Supervisor	Date mar '83	Drawing No SD 504
Design	Director	Scale 1/2" 1'0"	
Checked	Manager	File No.	
	General Manager		



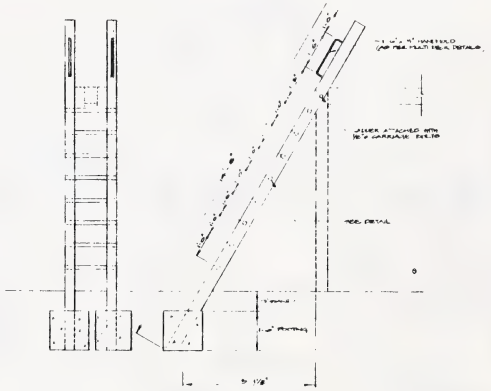
DETAIL



TIRE LADDER

MATERIAL LIST

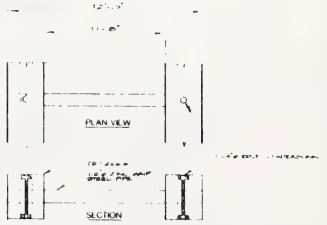
2 POSTS - (2) 2x6 x 5'-0" LONG
4 CAR TIRES - 1.25" DIAMETER
8 CARRIAGE BOLTS - 1/8" ø x 5 1/8" LONG
3 BOLTS - 1/8" ø x 1/2" LONG
1.25 CU. M OF 25MPa CONCRETE
2 STEEL HANDRAILS
14 TIRE PLATES (SEE DETAIL, SD 507)
2 LBS. 3½" GALVANIZED NAILS
1 LB. GLUE PLASTIC RESIN
1 QT. CALIFORNIA RUSTIC STAIN



PIPE LADDER

MATERIAL LIST

8 @ 2.1 FT. - 2" 2x6 x
2 - 1'-2" ø x 12'-0" LG. ZINC GRIP STEEL PIPE
2 - STEEL HANDRAILS
14 - 1/4" ø x 5 1/2" LG. BOLTS C/W HARDWARE
1.25 CU. METRES OF 25MPa CONCRETE
2 LBS. 3½" GALVANIZED NAILS
1 LB. GLUE PLASTIC RESIN
1 QT. CALIFORNIA RUSTIC STAIN



GRIP DETAIL

Revisions CKD

Edmonton PARKS AND RECREATION

Playground Component System

TIRE LADDER
PIPE LADDER

Drawn	Supervisor
GY	
Design	Director
Checked	Manager
	General Manager

Date	Drawing No.
april '83	SD 505
Scale	
½" = 1'-0"	
File No.	

MANITOBA CULTURE, HERITAGE AND RECREATION
SCHEMATIC DRAWINGS FOR PLAYGROUND DESIGN AND EQUIPMENT

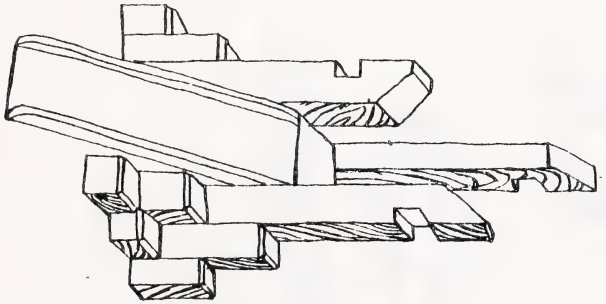
CULTURE, HERITAGE AND RECREATION

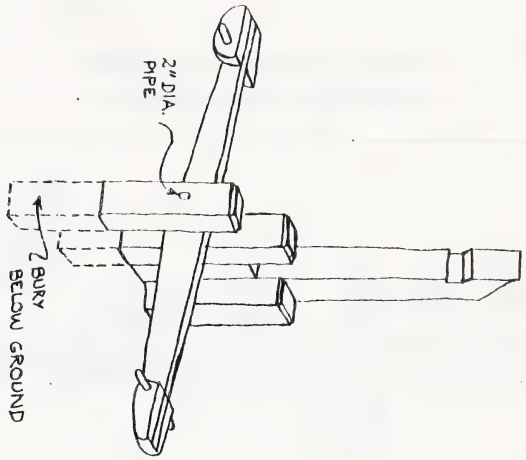
Manitoba

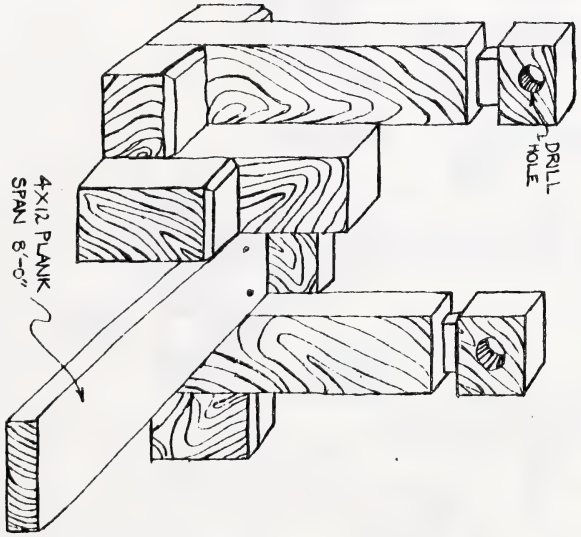
CREATIVE PLAYGROUND
STEPS, COLUMNS & DOWELS

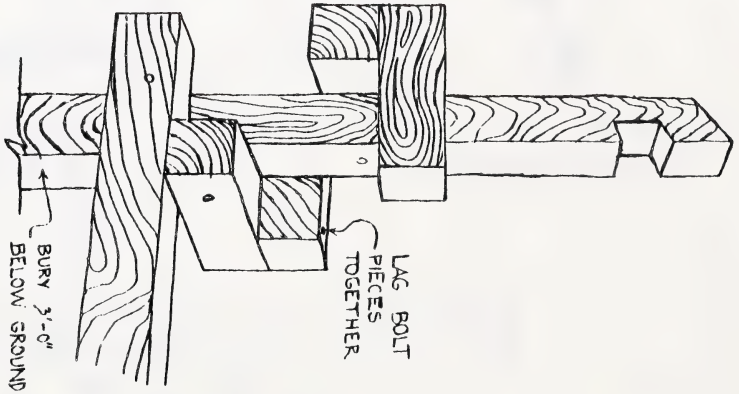
PLAYGROUND

40.2



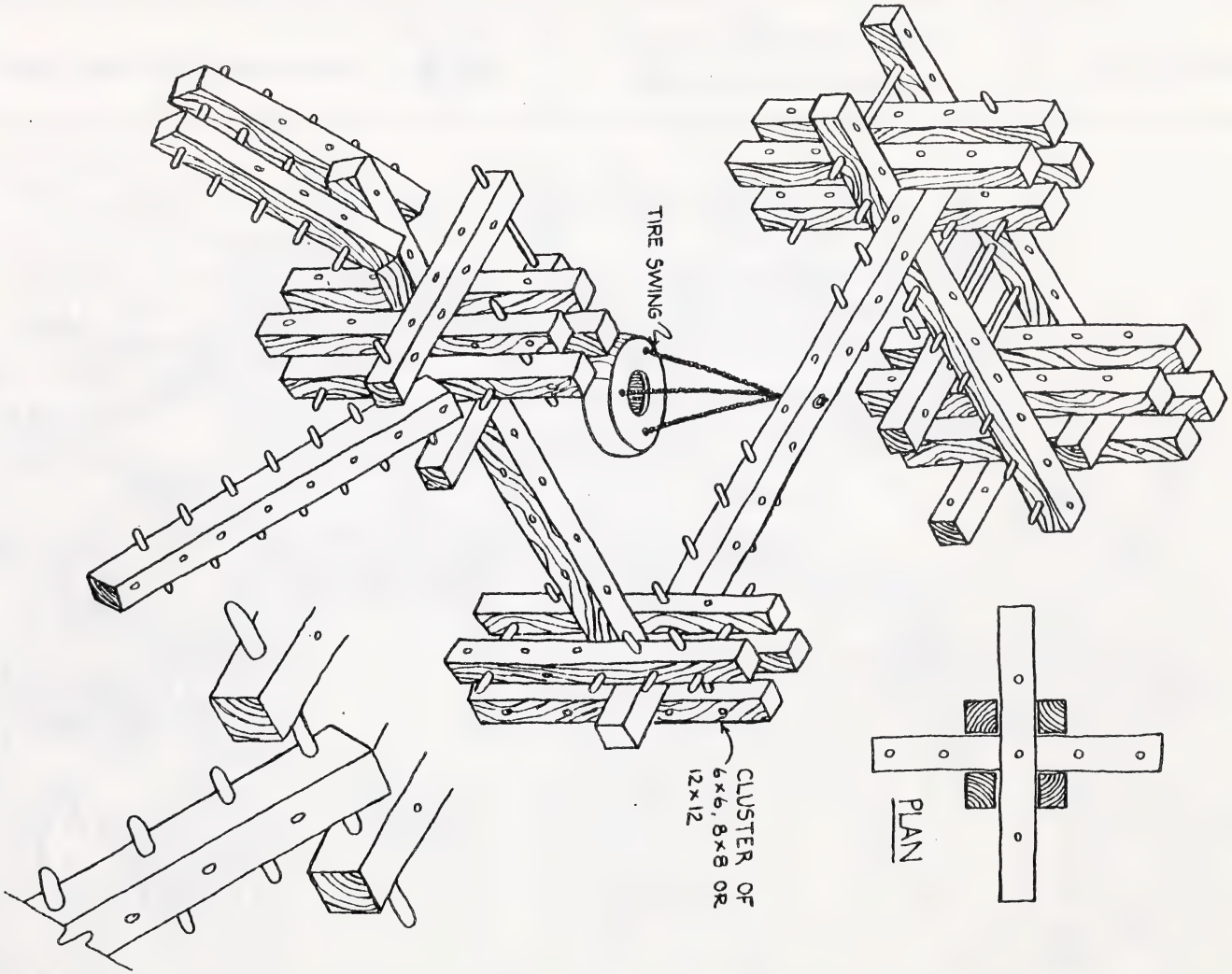

2" DIA. PIPE
BURY BELOW GROUND


DRILL HOLE
4x12 PLANK SPAN 8'-0"


BURY 3'-0" BELOW GROUND
LAG BOLT PIECES TOGETHER

PLAN

- THIS SYSTEM WAS INITIALLY DESIGNED AS A EXPERIMENTAL PLAYGROUND USING CONSTRUCTION TIMBERS. IT PROVED SO SUCCESSFUL THAT IT'S NOW BEING COMMERCIALLY MANUFACTURED.



CULTURE, HERITAGE AND RECREATION

Manitoba

CREATIVE PLAYGROUND

POSTS & CHAIN (ROPE)

PLAYGROUNDS

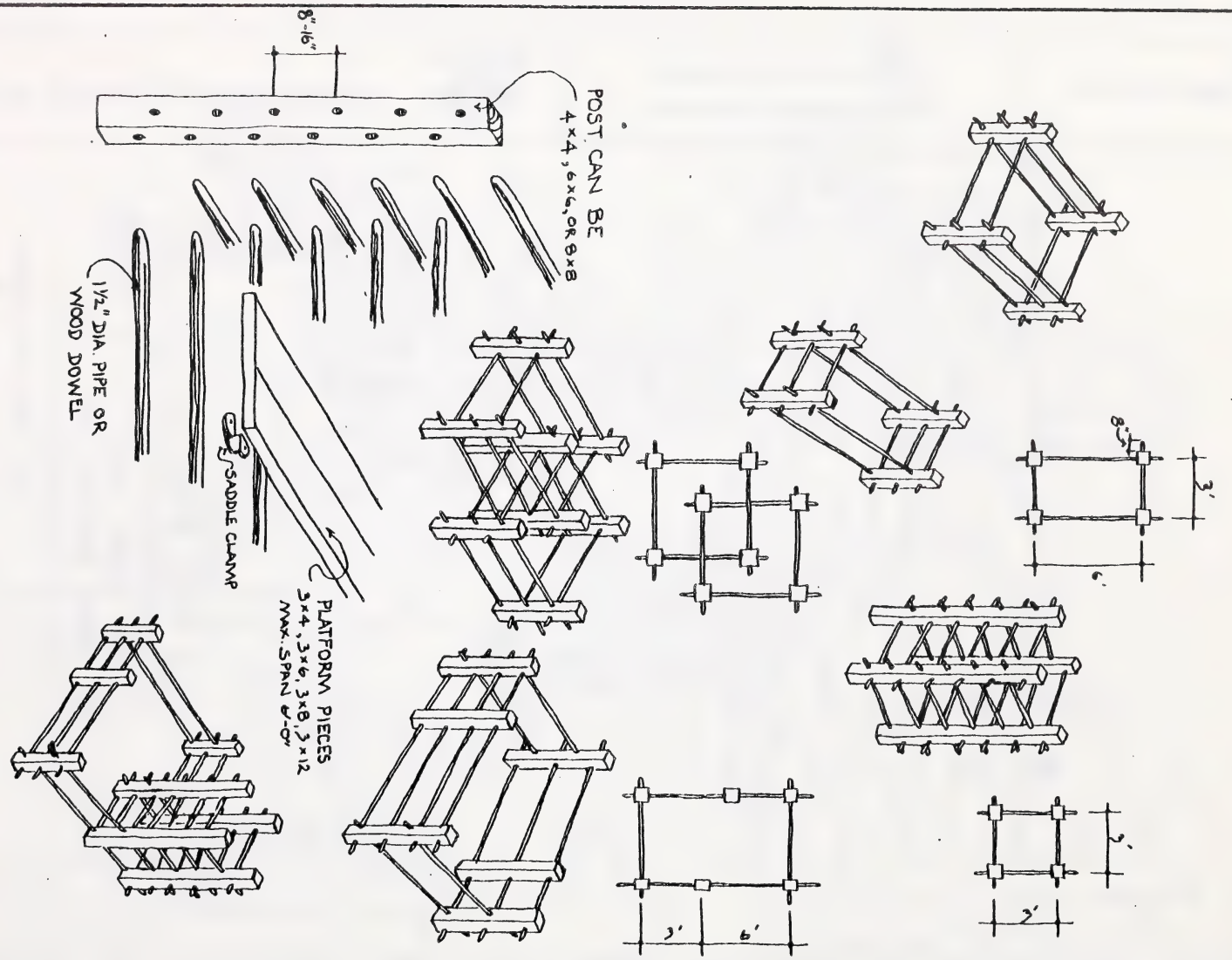
41.2

CULTURE, HERITAGE AND RECREATION

Manitoba

CREATIVE PLAYGROUND
POSTS & CHAIN (ROPE)

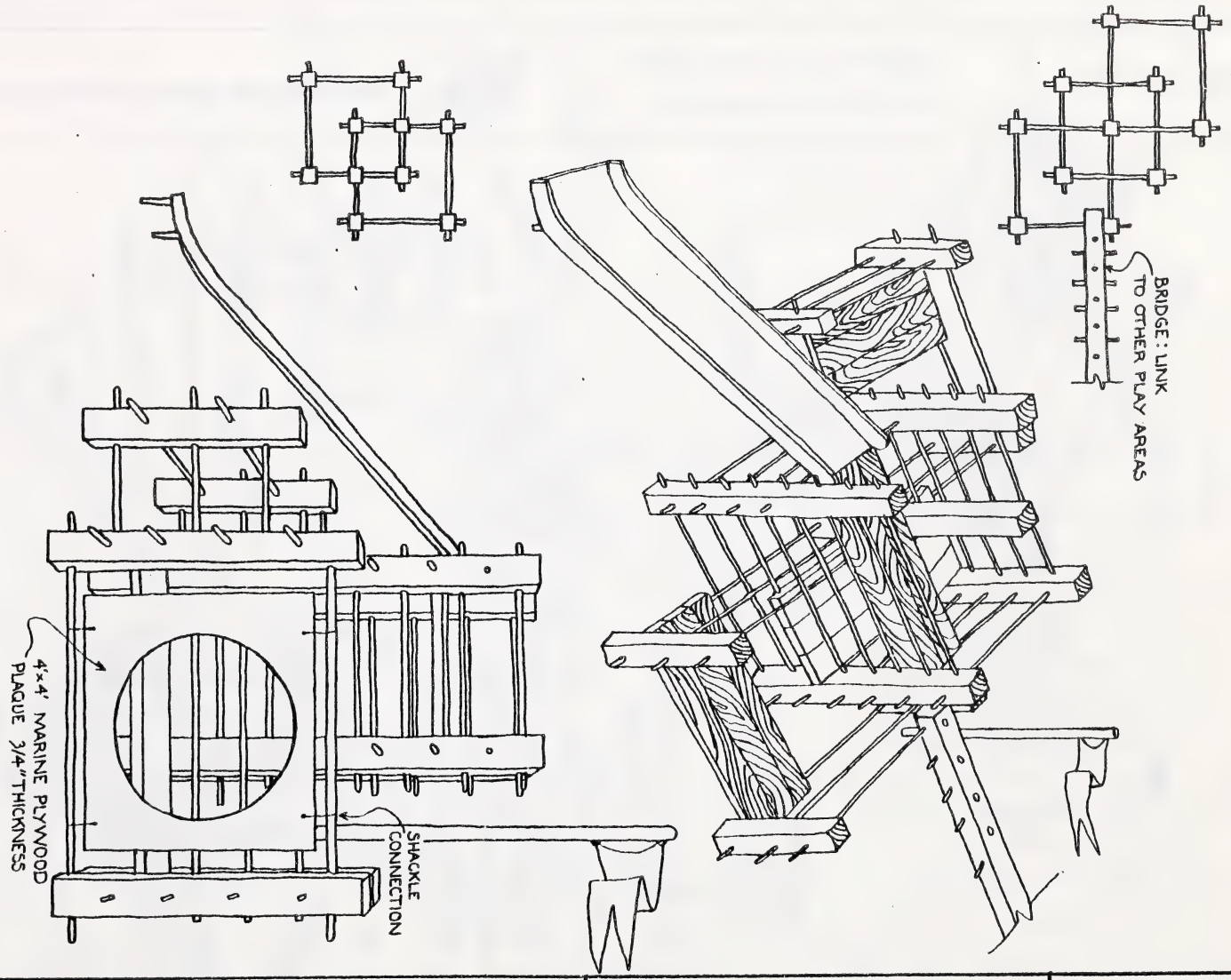
PLAYGROUNDS
41.3



CULTURE, HERITAGE AND RECREATION	Manitoba	**CREATIVE PLAYGROUND** **STEPS, COLUMNS & DOWELS**

- THESE ARE BASICALLY SIMILAR TO POLE & DOWEL SYSTEMS, EXCEPT THAT THEY ARE EASIER TO WORK WITH & OFFER AN ENORMOUS RANGE OF POTENTIAL ACTIVITIES & DIVERSE PLACEMENTS.

PLAN



CULTURE, HERITAGE AND RECREATION

Manitoba

CREATIVE PLAYGROUND

STEPS, COLUMNS & DOWELS

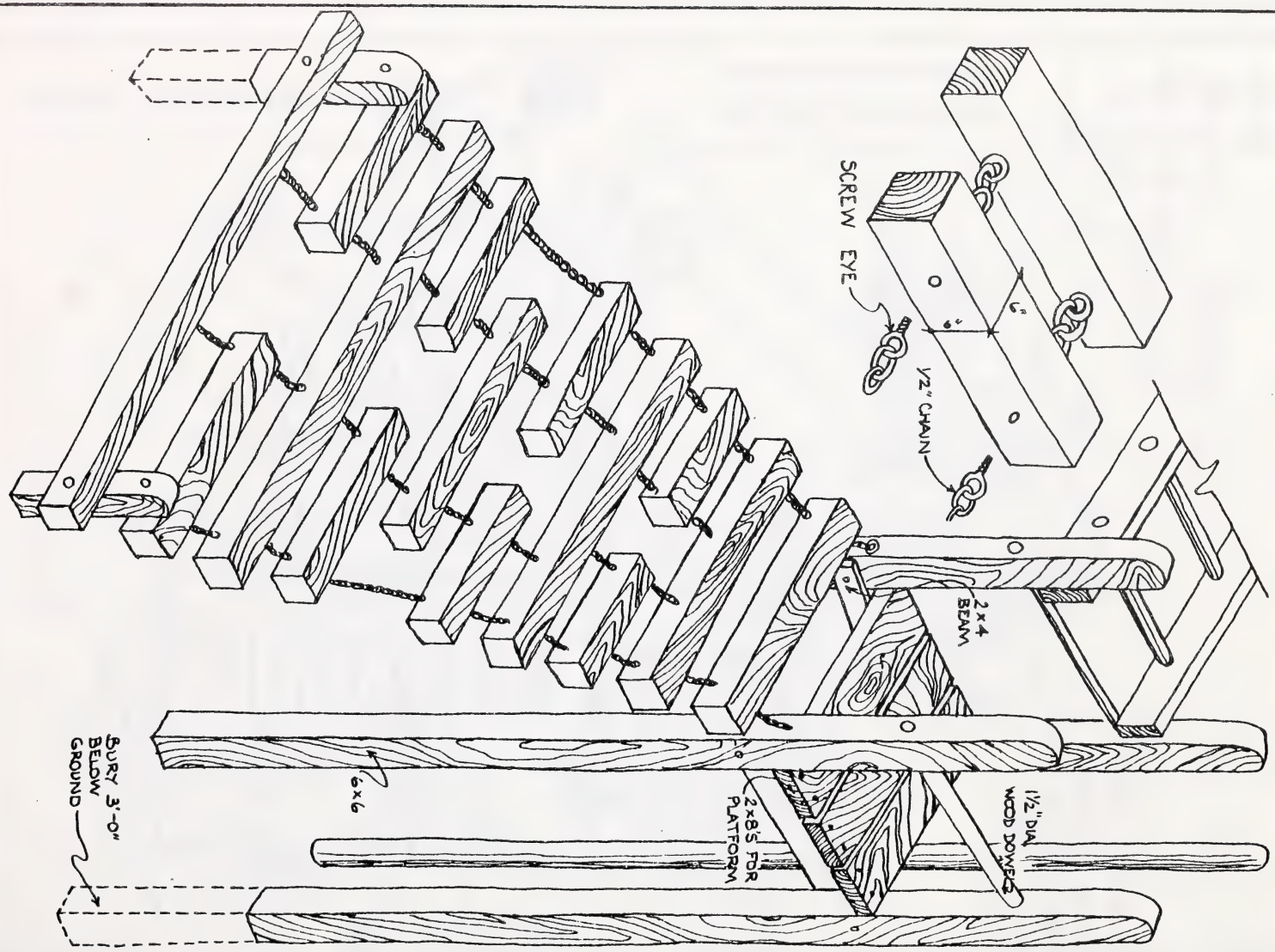
PLAYGROUNDS

40.6

CREATIVE PLAYGROUND
POSTS & CHAIN (ROPE)

THE POST & CHAIN SYSTEM OFFERS OPPORTUNITIES FOR BALANCE AND COORDINATION.

12 x 12 OR
8 x 8
ADD TO THIS FRAME ANY ACCESSORIES YOU DESIRE (NETS, BRIDGES, PLATFORMS, ETC.)
CHAIN
LAG BOLT
6 x 6 OR
4 x 4
BURY TIMBERS BELOW GROUND


SCREW EYE
6"
½" CHAIN
2x4 BEAM
6x6
BURY 3'-0" BELOW GROUND
2x8's FOR PLATFORM
1½" DIA. WOOD DOWEL

PLAYGROUNDS

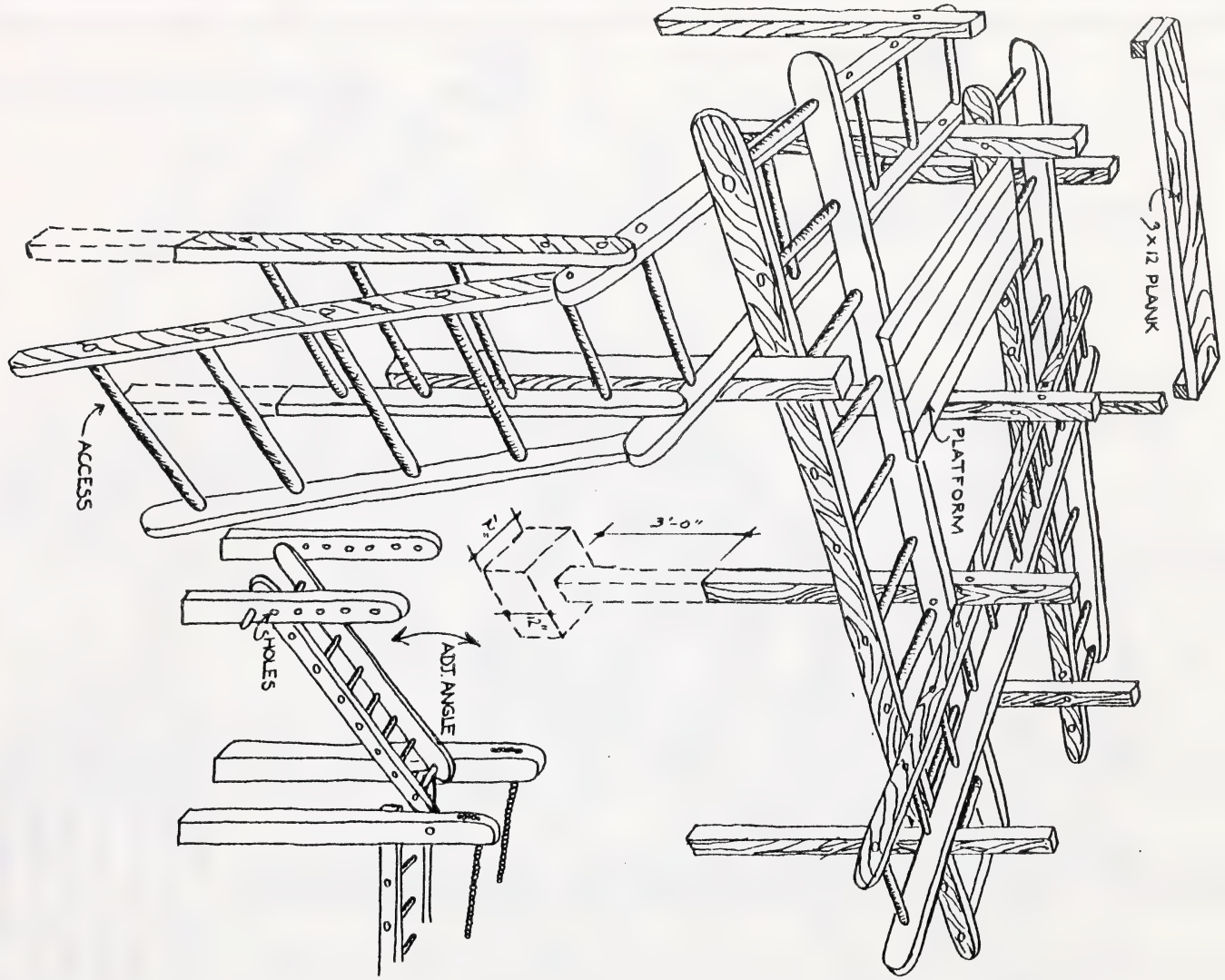
CREATIVE PLAYGROUND
POSTS & CHAIN (ROPE)

CULTURE, HERITAGE AND RECREATION

Manitoba

3/4" ROPE RAIL AS DESIRED
STANDARD RUNG LADDER
4x4 BRACE
3/4" MARINE PLYWOOD PLATFORM
RAIL DEPTH
PROVIDE POSTS AS REQUIRED. CANTILEVERS NOT TO EXCEED 3'-0"
6X6 POSTS 3'-0" BELOW GROUND IN CONC. FOOTING

- LADDERS ARE PREFABRICATED MODULAR UNITS (WOOD OR ALUMINUM). TAKE CARE NOT TO CREATE SPANS THAT EXCEED LADDER STRENGTH. A GOOD RULE-OF-THUMB IS SPAN 2' FOR EVERY INCH OF RAIL DEPTH. A 4" RAIL WILL SPAN 8'-0".



CULTURE, HERITAGE AND RECREATION

Manitoba

CREATIVE PLAYGROUND

POSTS & CHAIN (ROPE)

PLAYGROUNDS

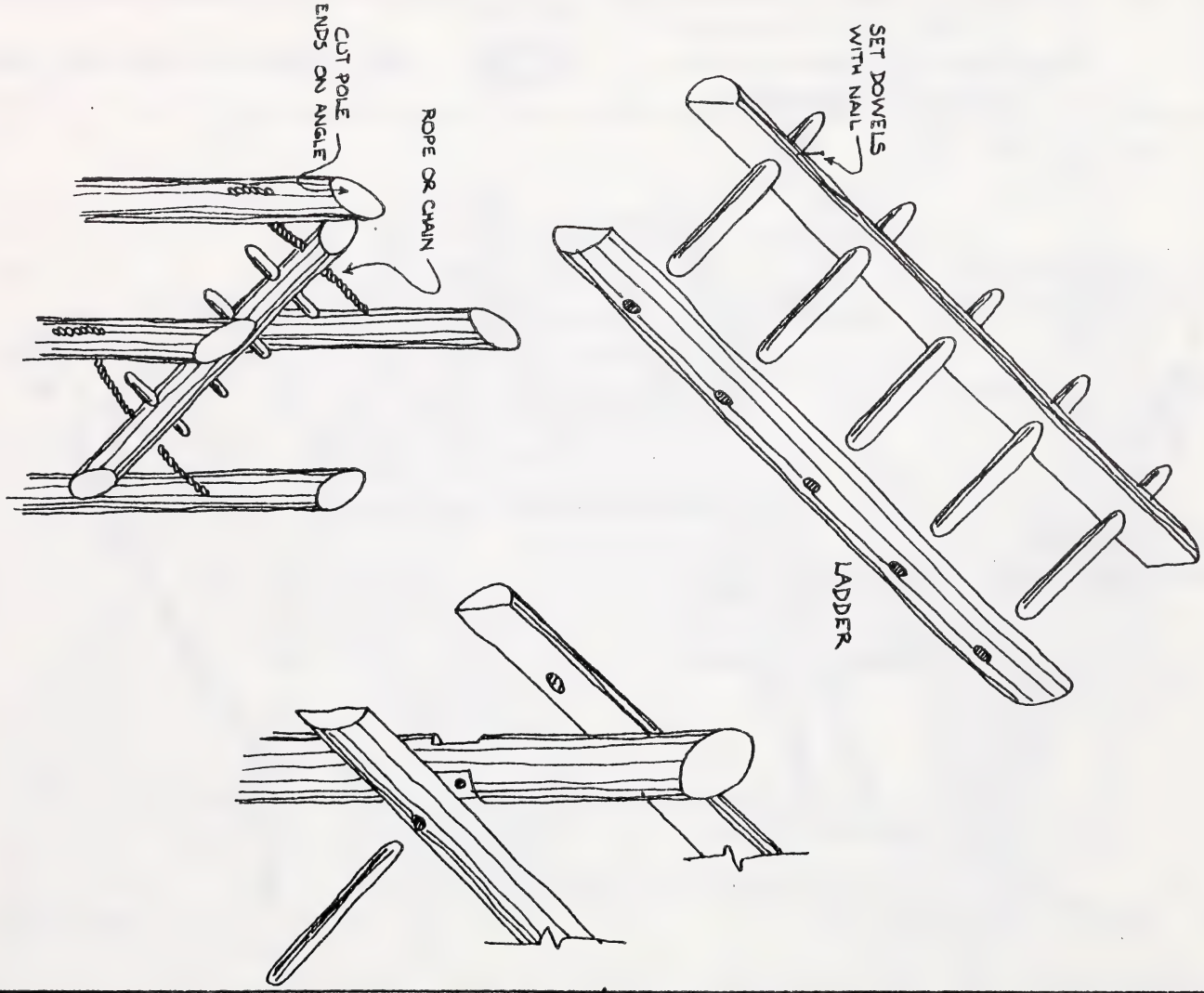
41.1

CULTURE, HERITAGE AND RECREATION

Manitoba

CREATIVE PLAYGROUND
DO-IT-YOURSELF CONSTRUCTION
SHEETS (POLES & DOWELS SECTION)

PLAYGROUNDS
42.5


CUT POLE ENDS ON ANGLE
ROPE OR CHAIN
SET DOWELS WITH NAIL
LADDER

- IF POLES ARE AVAILABLE THEY MAKE EXCELLENT PLAYFORMS. THE WEIGHT OF THE GROUPINGS REQUIRES THAT ONLY THE TALLEST POLES HAVE FOOTINGS SINCE THEY'RE USED TO SUPPORT SWINGS & LADDERS.

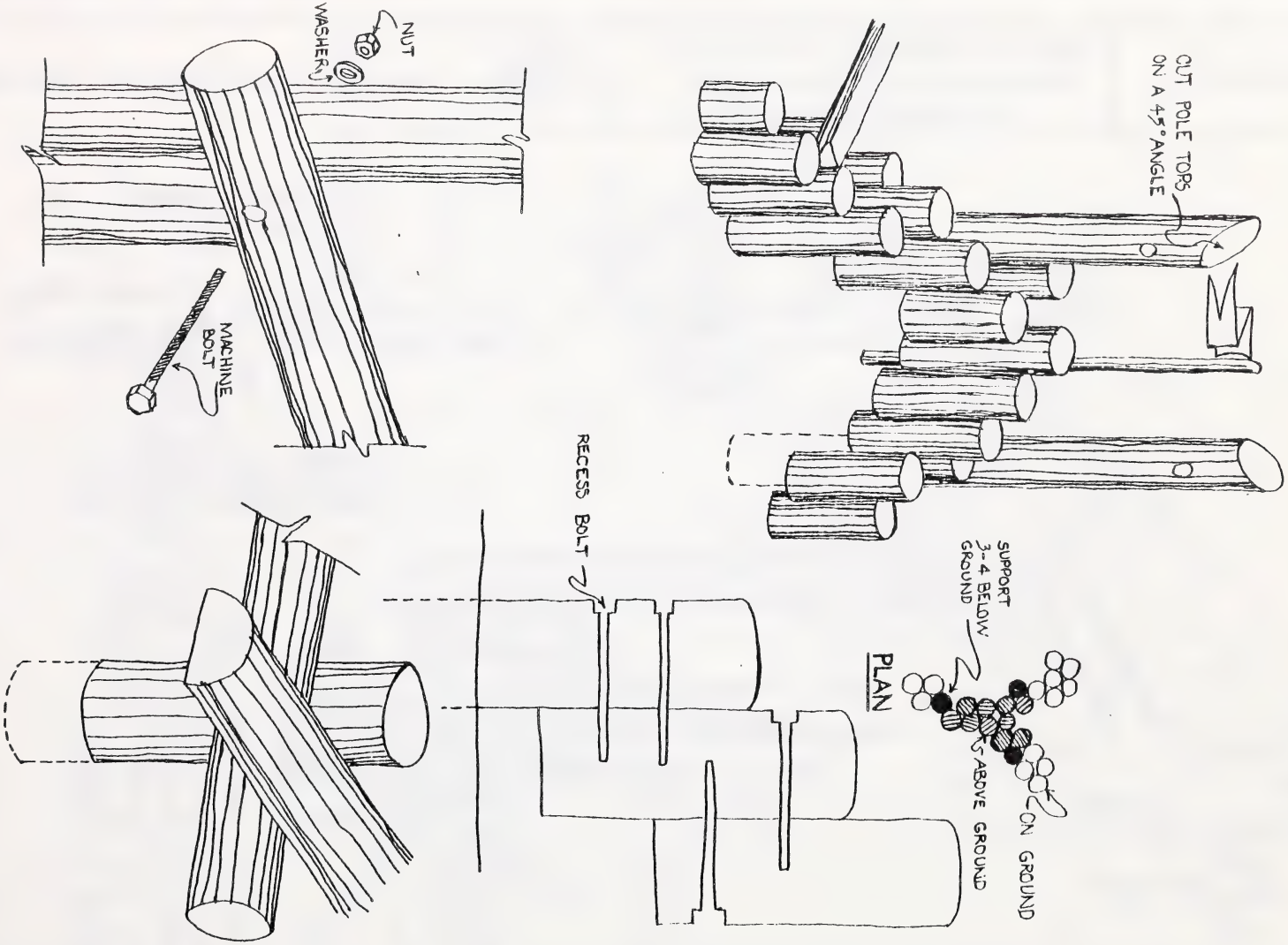
CULTURE, HERITAGE AND RECREATION

Manitoba

CREATIVE PLAYGROUND
DO-IT-YOURSELF CONSTRUCTION
SHEETS (POLES & DOWELS SECTION)

PLAYGROUNDS

42.2



CULTURE, HERITAGE AND RECREATION	Manitoba	CREATIVE PLAYGROUND DO-IT-YOURSELF CONSTRUCTION SHEETS (POLES & DOWELS SECTION)	PLAYGROUNDS 42.7

CULTURE, HERITAGE AND RECREATION

Manitoba

CREATIVE PLAYGROUND
DO-IT-YOURSELF CONSTRUCTION
SHEETS (POLES & DOWELS SECTION)

PLAYGROUNDS
42.8

CREATIVE PLAYGROUND
DO-IT-YOURSELF CONSTRUCTION
SHEETS (POLES & DOWELS SECTION)

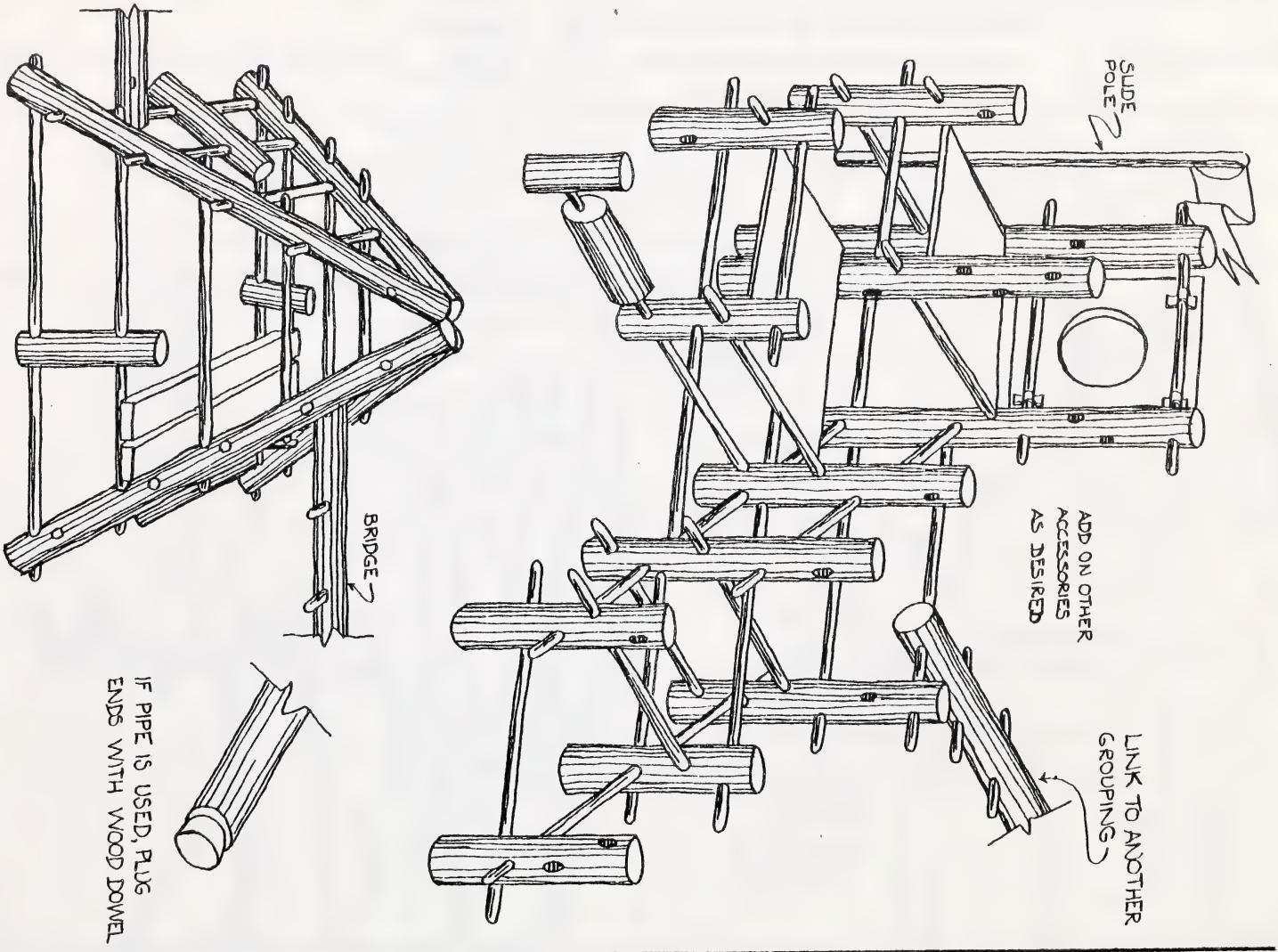
4 x 12's
14' MIN.
EYE BOLT
3/8" CHAIN
MAIN SUPPORTS TO BE 3-4' BELOW GRADE
CLATTER BRIDGE
MAX. SPAN. 12-14'
12" DIAM. LOGS OR UTILITY POLES BOLTED TOGETHER
EYE BOLT
FILL VOIDS WITH 1 PART CEMENT 3 PARTS SAND SO FEET DON'T GET CAUGHT
PLAN

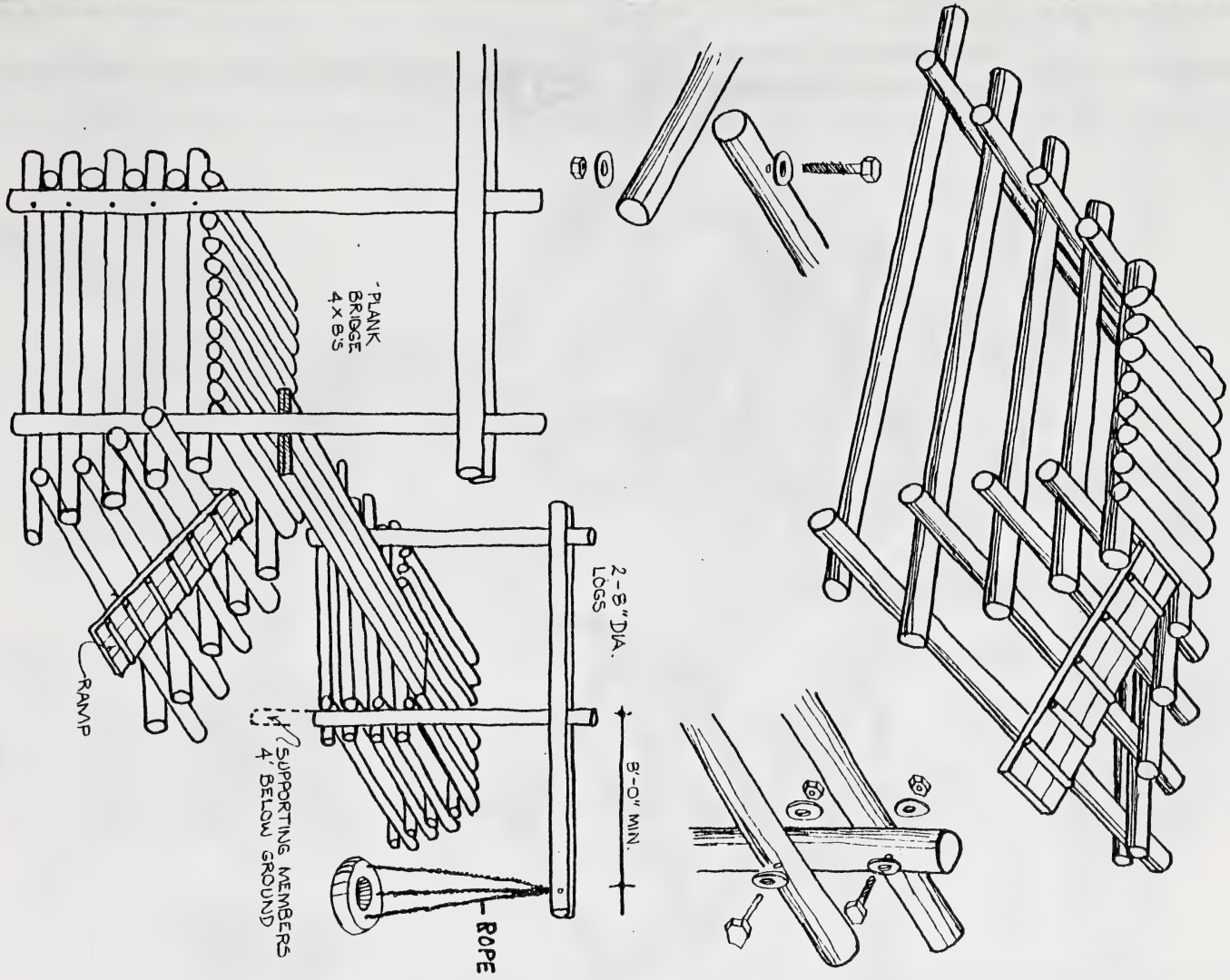
CULTURE, HERITAGE AND RECREATION

Manitoba

CREATIVE PLAYGROUND
DO-IT-YOURSELF CONSTRUCTION
SHEETS (POLES & DOWELS SECTION)

PLAYGROUNDS
42.6


SLIDE POLE
BRIDGE
ADD ON OTHER ACCESSORIES AS DESIRED
LINK TO ANOTHER GROUPING
IF PIPE IS USED, PLUG ENDS WITH WOOD DOWEL



CULTURE, HERITAGE AND RECREATION

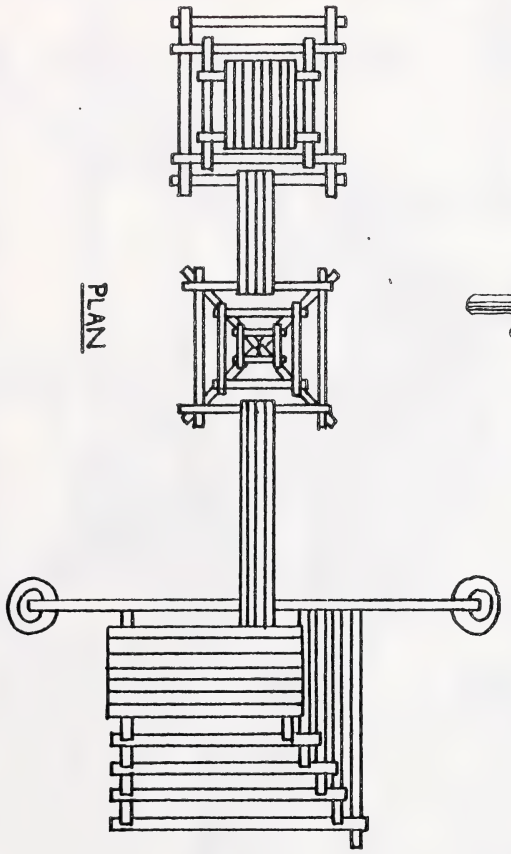
Manitoba

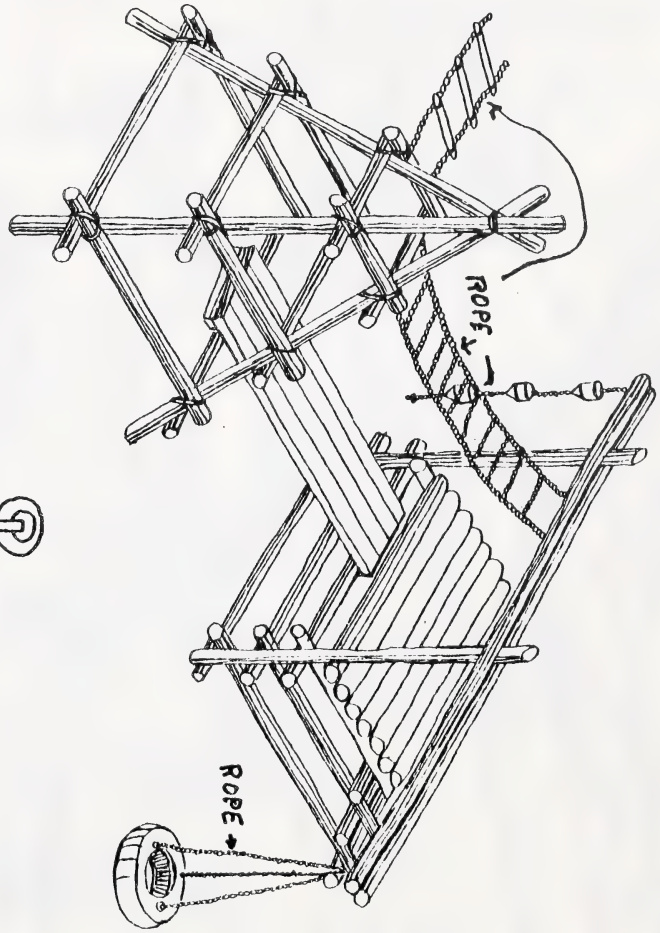
CREATIVE PLAYGROUND

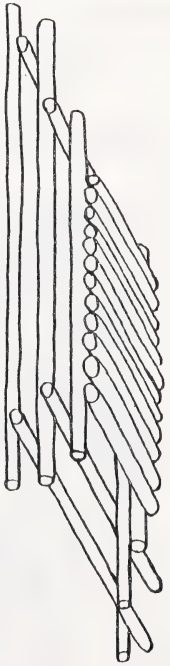
POSTS & CHAIN (ROPE)

PLAYGROUNDS

41.6





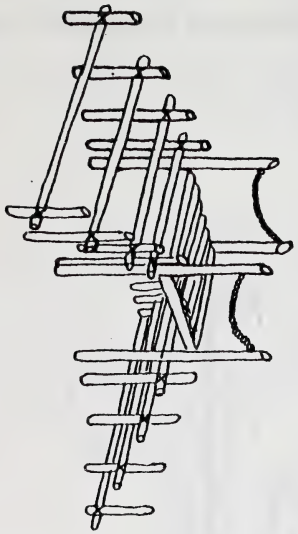


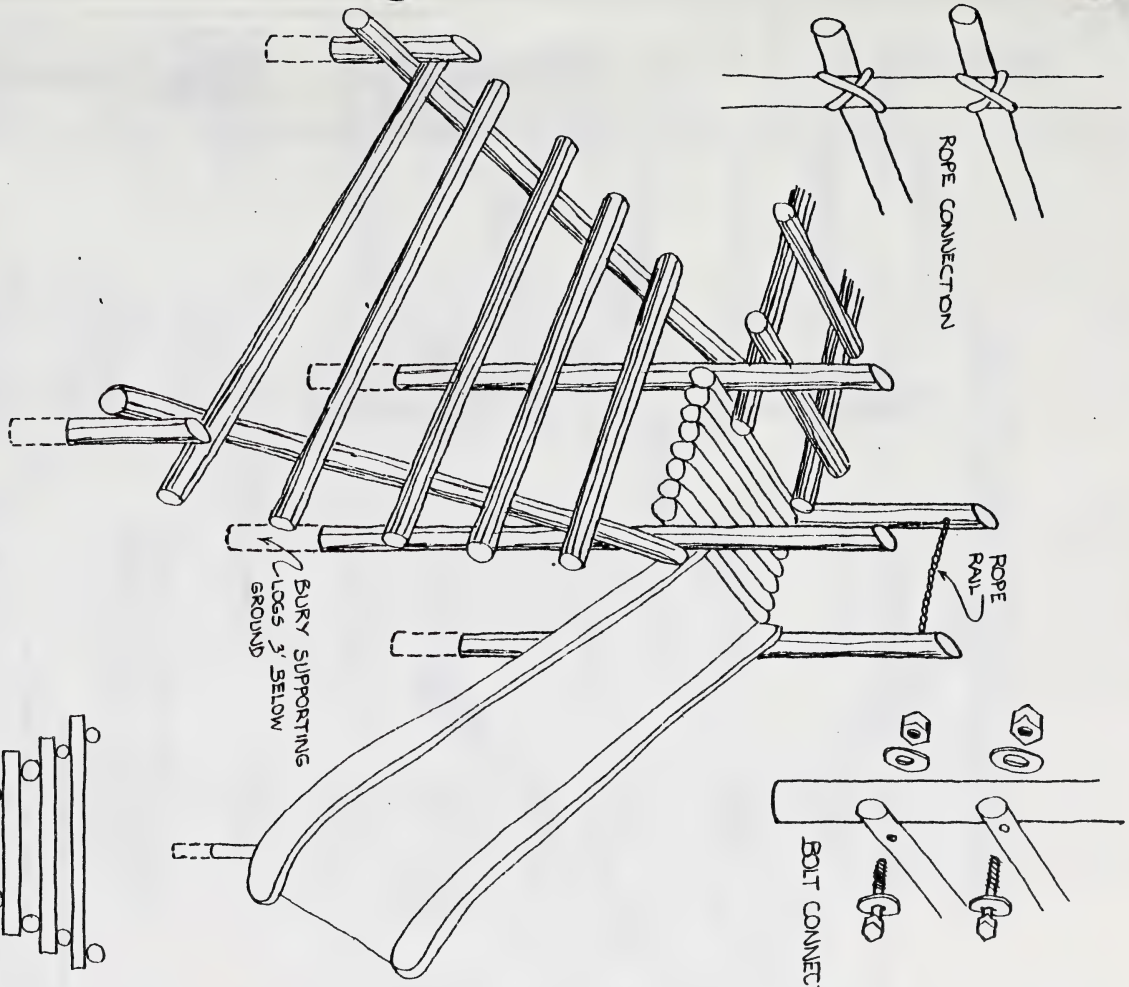
CULTURE, HERITAGE AND RECREATION

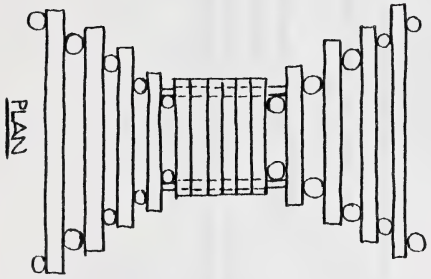
Manitoba

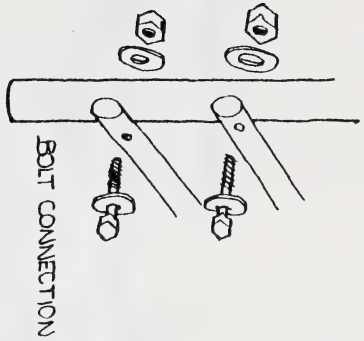
CREATIVE PLAYGROUND
POSTS & CHAIN (ROPE)

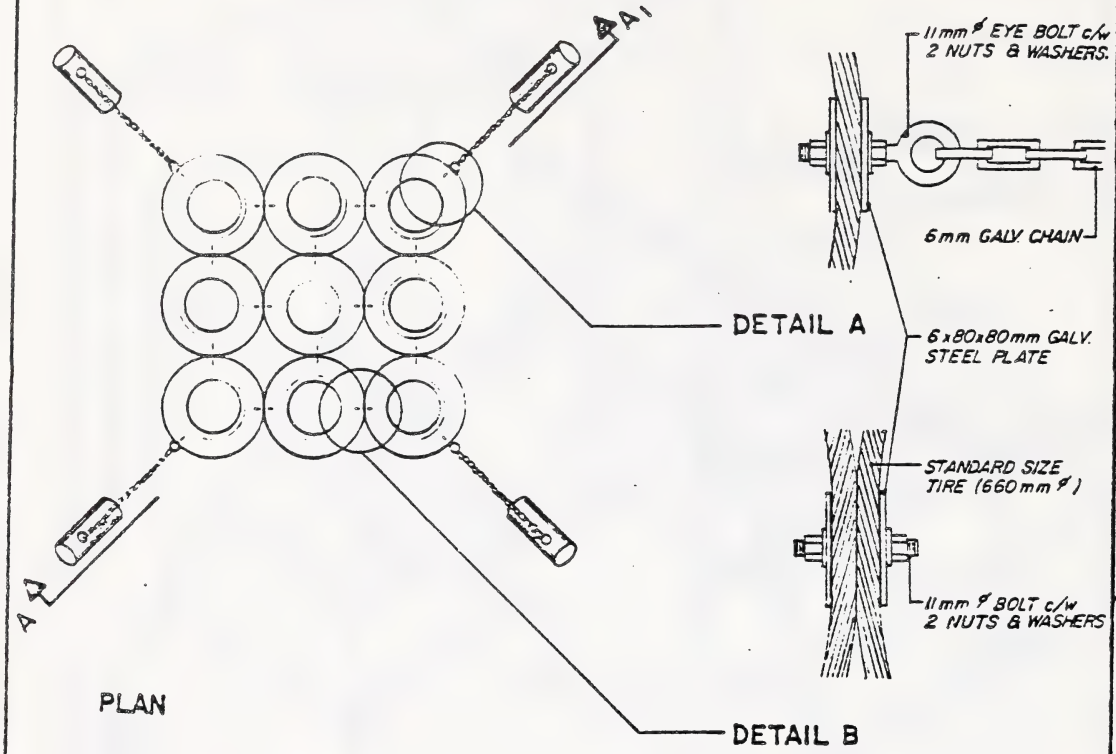
PLAYGROUNDS
41.4

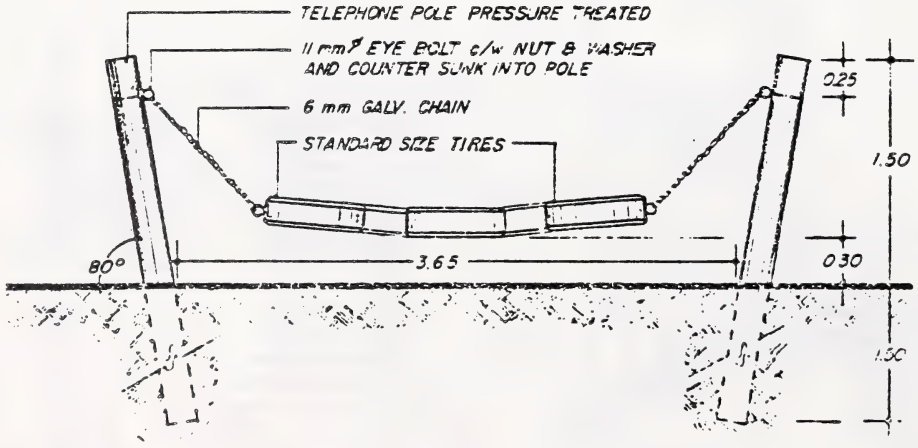



ROPE CONNECTION
ROPE RAIL
BURY SUPPORTING LOGS 3' BELOW GROUND


PLAN


BOLT CONNECTION


A1
A1
DETAIL A
DETAIL B
PLAN
11mm ø EYE BOLT c/w
2 NUTS & WASHERS.
6mm GALV. CHAIN
6x80x80mm GALV.
STEEL PLATE
STANDARD SIZE
TIRE (660mm ø)
11mm ø BOLT c/w
2 NUTS & WASHERS


TELEPHONE POLE PRESSURE TREATED
11mm ø EYE BOLT c/w NUT & WASHER
AND COUNTER SUNK INTO POLE
6 mm GALV. CHAIN
STANDARD SIZE TIRES
80°
3.65
0.25
1.50
0.30
1.50

CONSULTANT AND CONTRACTOR INFORMATION SERIES
PLAYGROUND EQUIPMENT MANUFACTURERS/DISTRIBUTORS

MANUFACTURER	DISTRIBUTOR	REPRESENTATIVE	TELEPHONE	ADDRESS
Big Toys	Sudden Fun	John Kuby	435-5209	10431 - 18 Ave. Edmonton, Alta. T6J 5J3
		Roy or Marsha Alsip	253-1300	5614 East Burbank Road Calgary, Alta. T2H 1Z4
CDC Recreation Facility Developments	CDC Recreation Facility Developments	Glen Freeborn or Gary Debney	273-1555	103B-31 Manning Crescent N.E. Calgary, Alta. T2E 7M9
Children's Playgrounds Inc.	Children's Playgrounds Inc.	Horst Henke (President)	416-475-7648 Telex: 06-98 3639	P.O. Box 370 Unionville, Ont. L3R 2Z7
Childspace	Childspace	Peter Adams	556-3945 (Call collect)	Box 2459 Olds, Alberta TOM 1PO
Finnskoga Play Systems Inc.	Bonavista Landscapes (1982) Ltd.	Greg Dahl	278-6400	807 Acadia Dr.S.E. Calgary, Alta. T2J 0C7
Game Time of Canada	Tomko Enterprises Ltd.	Ian McDonald	604-327-0257	Unit 304 8495 Ontario St. Vancouver, B.C. V5X 3E8
Henderson Play Makers	Sudden Fun	John Kuby	435-5209	10431 - 18 Ave. Edmonton, Alta. T6J 5J3
		Roy or Marsha Alsip	253-1300	5614 East Burbank Road Calgary, Alta. T2H 1Z4

MANUFACTURER	DISTRIBUTOR	REPRESENTATIVE	TELEPHONE	ADDRESS
Hilan Creative Playstructures	Centaur Products Ltd.	Al Patey	433-4858	Edmonton
		Don Holloway	248-2662 Toll Free: 1-800-372-9202	Bay #7 727 - 33 St. N.E. Calgary, Alta. T2A 6M6
Kompan Playscapes Ltd.	Kompan Playscapes Ltd.	Helena Adamowicz	604-263-2393	Station L P.O. Box 58022 Vancouver, B.C. V6P 6C5
Miracle Recreation Equipment and Seating	Sudden Fun	John Kuby	435-5209	10431 - 18 Ave. Edmonton, Alta. T6J 5J3
		Roy or Marsha Alsip	253-1300	5614 East Burbank Road Calgary, Alta. T2H 1Z4
Neighbourhood Developments Ltd.	Neighbourhood Developments Ltd.	Dave Blais	923-2120	Box 192 Gibbons, Alta. T0A 1N0
Paris Playground Equipment Ltd.	Allwest Institutional Furnishings Ltd.	Gary Metcals	452-8212	14325 - 112 Ave. Edmonton, Alta. T5M 2V3
Paris Playground Equipment Ltd.	Paris Playground Western Ltd.	Bev Thompson	1-800-265-9935 (Leave messages)	Bowden, Alta.
Quadro Construction Systems	Children's Playgrounds Inc.	Horst Henke (President)	416-475-7648 Telex: 06-98 3639	P.O. Box 370 Unionville, Ont. L3R 2Z7
Ressco Playstar Recreation Products	Ressco Playstar Recreation Products	Ray Campbell	416-272-0063	2364 Haines Rd. Mississauga, Ont. L4Y 1Y6
S.F. Scott Mfg. Co. Ltd.	Blue IMP Playground Equipment Co. of Canada	Doug Muir	526-4170 1-800-661-1462	766 - 14 St. S.W. P.O. Box 567 Medicine Hat, Alta. T1A 7C5
Timber Gym - Western Custom Built Products (Prince Albert) Ltd.	Lothlorien Landscaping Ltd.	Doug McKeller	279-8025	Unit 2 5935 - 35 St. S.E. P.O. Box 5055 Station A Calgary, Alta. T2H 1X1

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